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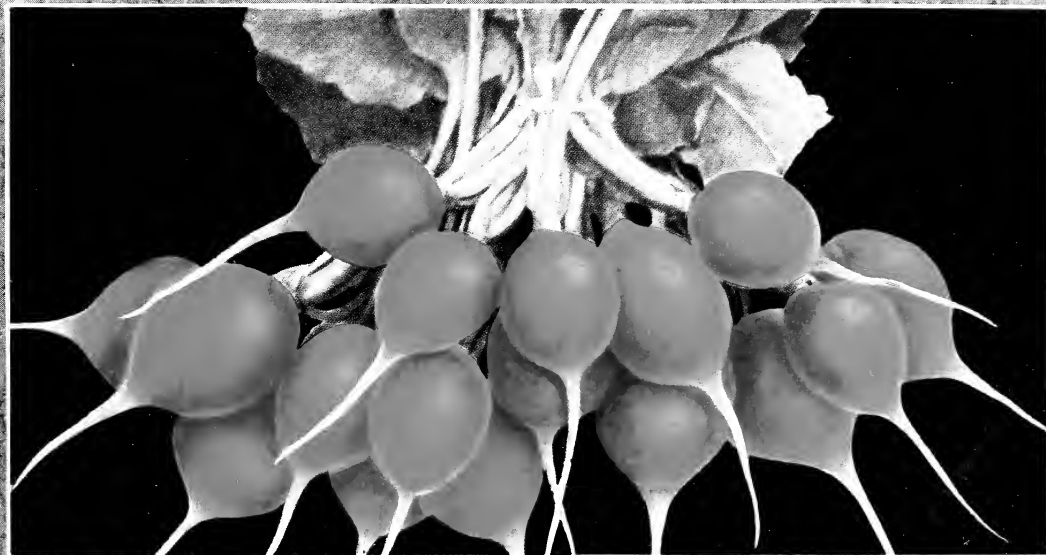
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U. S. Department of Agriculture.

# LOHRMAN'S



**Early Scarlet Globe Radish**  
*Lohrman's Premium Strain*

For complete description see inside front cover.

TELEPHONE RANDOLPH 1271 and 9241

**LOHRMAN SEED CO.**

*Established over 15 Years*

Macomb at Brush St.  
**DETROIT, MICHIGAN**

EASTERN MARKET BRANCH  
*1340 Napoleon St. Near Russell*

# Lohrman's Vegetable Specialties



Lohrman's Select Strain Short Stem Hollander.

## Lohrman's Select Strain Short Stem Hollander Cabbage

A strain much superior to the ordinary Short Stem Hollander in that the tonnage is far greater per acre. Pkt., 10c; oz., \$1.00; 2 ozs., \$1.75; ¼ lb., \$3.00; lb., \$10.00. (See page 6).

## Golden Acre Cabbage

An early variety which closely resembles Copenhagen Market in type. As its name implies, it is a moneymaker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed Cabbage. Pkt., 10c; oz., \$1.00; 2 ozs., \$1.75; ¼ lb., \$3.00; lb., \$10.00. (See page 6).



Early Snowball Cauliflower.

## Early Snowball Cauliflower

Our particular strain of this variety imported by us directly from Denmark has given absolute satisfaction among the Market Gardeners in this section for the past thirty years. It is a sure header and bleaches perfectly white. Pkt., 10c; ¼ oz., 75c; oz., \$2.50; 4 ozs., \$7.50; lb., \$28.00. (See page 7).

## Early Wonder Beets

An early variety. It is turnip-shaped and is always smooth. The flesh is a beautiful deep red color and is of excellent quality. Tops are small and erect. Exceptionally good for early bunching. Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.25. (See page 5).

## Early Scarlet Globe Radish

**Lohrman's Premium Strain—The Most Profitable Market Variety.**

This Radish is a little longer than round. The color is a rich, bright scarlet with tiny thread-like roots. The flesh is white, tender and crisp.

Lohrman's Premium Strain Scarlet Globe Radish seed is far superior to all other strains now offered to the market gardener for the following reasons:

**First:** Our Premium Strain Scarlet Globe Radish seed is all grown from transplanted roots. This insures absolute uniformity in color and trueness of type.

**Second:** Each 100 pounds of seed is tested in a greenhouse, as it comes from the harvest fields. If found to be of inferior color or shape, or to be of low germination the bag is promptly rejected.

**Third:** This seed is much larger and more plump than that usually offered. The plumper seed germinates more quickly and the Radishes are ready to pull sooner than those grown from smaller seed.

**Fourth:** Our Premium Strain Scarlet Globe Radish seed is treated with Semesan, a mercuric disinfectant that insures against seed-borne diseases. Semesan also hastens germination.

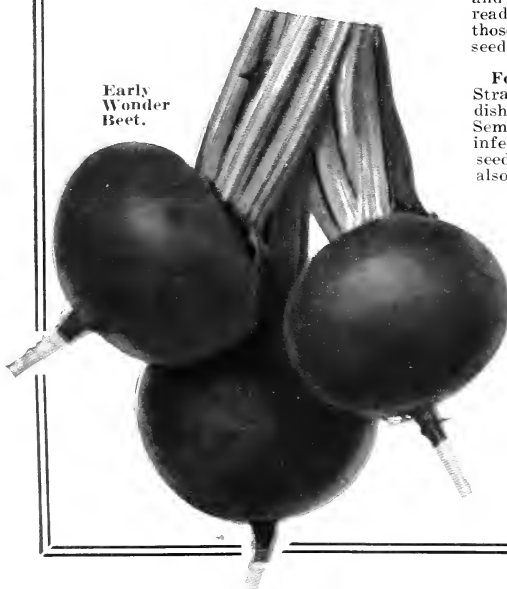
We have taken great care in developing this strain of Scarlet Globe Radish to make it the best stock obtainable and we are certain that if you try it out you will be very well satisfied with the results.

Sold only in 10-lb. cloth sacks with our seal attached.

Price, 75c per lb. in 10-lb. lots or over.



Early Scarlet Globe Radishes.



Early Wonder Beet.

# LOHRMAN SEED CO.

## “SEEDS THAT PRODUCE”

AMOUNT ENCLOSED

Date \_\_\_\_\_

Post Office .....

P. O. Order.....

R. F. D. No. .... Box No. .... Street ....

Express Order.....

Express Office .....

Check or Draft.....

Freight Depot .....

Cash

County ..... State .....

## Stamps

**HOW SHALL WE SHIP?** { State on this line whether }  
by mail, express or freight. { ----- }

Total .....

If to be sent by mail be sure to include postage on goods not quoted postpaid. See inside of front cover of catalog.

Never send Bills or Currency in a Letter. If necessary to do so be sure to REGISTER IT.  
The safest form of remittance is a Check, Post Office or Express Money Order.

[illegible]

**LOHRMAN SEED CO.** gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.



# Lohrman's EVERGREEN Lawn Seed

## Four Weeks From Sowing It Is Ready For Mowing

Success in lawn making requires, first of all, good seed. There is no excuse in these days for guesswork about seed. Laboratory tests show its purity and its germination. We do not buy, nor do we sell, seed which fails to meet our high standards, by test in our own seed laboratory.

Our blends are composed of several grasses, each of which has a purpose. Pure seed such as we sell goes twice as far as the impure mixtures generally obtained at bargain prices.

Lohrman's Evergreen Lawn Seed has been sold by us for over thirty-five years.

Our Evergreen Lawn Seed used exclusively at the National Flower Show at Detroit, Michigan, 1927, and at the North American Flower Show, 1928.

Price, lb., 50c; 3 lbs., \$1.35; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs. (1 bu.), \$7.50; 100 lbs., \$35.00.

## Shady Spot Lawn Seed

On nearly all lawns there are unsightly spots caused by the fact that ordinary varieties of grasses used for lawns do not do well in the shade; consequently we have prepared a mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply Evergreen Lawn Lime. Use one pound of Shady Spot for every 300 square feet. **Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$55.00.**

## Fancy Grass Seeds Unblended

Prices on Grass Seed Subject to Change.  
Grass Seed, 50 lbs. or over at the 100-lb. rate.

## Kentucky Blue Grass, Extra Fancy Seed for Lawns

One of the most widely distributed and valuable native grasses. It is a true perennial, lasting indefinitely and improving every year. It forms a close turf, starts very early in the Spring and lasts until frost. It remains small the first year, but becomes fully established the second year. It is especially valuable as a pasture grass, and is also one of the very best grasses for the lawn. **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 100 lbs., \$35.00.**

## Red Top, Fancy Extra Recleaned Seed for Lawns

A very hardy native grass and probably the most perennial variety we have. Red Top accommodates itself to a variety of soils, even to quite dry situations, but succeeds best on moist land. After being once established, it thickens and improves year by year, taking possession of the land and gradually supplanting other grasses. **Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$25.00.**

## White Dutch Clover for Lawns

This is of particular value in mixtures in permanent pastures and lawns and will grow on almost any kind of soil. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. White Dutch Clover is used mainly for sowing in mixtures with other grass seeds, especially with Blue Grass. 5 to 6 pounds per acre. **Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$50.00.**

## HOW TO MAKE A LAWN WITH EVERGREEN LAWN SEED

**PREPARATION OF SOIL.** Dig the soil about 6 inches deep, but only when it is dry; if rain has fallen recently allow a few days of fine weather to elapse before commencing work. Rake until soil is smooth and in fine condition.

**FERTILIZING.** Scatter either **Pulverized Sheep Manure** on the dug earth at the rate of one ton to the acre, 100 lbs. to 1000 square feet, 10 lbs. to 100 square feet, or use **Sacco Plant Food**, an odorless fertilizer, at the rate of one-half ton per acre, 50 lbs. per 1000 square feet, 5 lbs. per 100 square feet.

**FOR MOIST OR SOUR SOIL.** When the soil is constantly wet and poorly drained, spread **Agricultural Hydrated Lime** at the rate of 50 lbs. per 1000 square feet or **Limestone** at the rate of 75 lbs. per 1000 square feet. Then follow above directions.

**SOWING THE SEED.** Sow our **Evergreen Lawn Seed** at the minimum rate of 100 lbs. per acre or 1 lb. to each 300 square feet. Double the quantity when a thick turf is needed quickly. Select a day when no wind is blowing; divide the seed into two portions and sow the land twice to insure its even covering; it is important to stir the contents of the bag occasionally. Bury the seed not more than one-eighth inch deep. Roll the seeded area, but should rain fall before the work is completed, defer the rolling until the land has dried.

**GRASS FOR SHADY LOCATIONS.** Follow the above directions, but use our **Shady Spot** instead of our **Evergreen Lawn Seed**.

## Renovating an Old Lawn

First—Rake the lawn well, removing as much dead grass as possible. Second—Apply fertilizer according to the above directions. Third—Sow our **Evergreen Lawn Seed** at the rate of 50 lbs. per acre or 1 lb. per 600 square feet. For shady locations use our **Shady Spot Lawn Seed** at the same rate as the **Evergreen Lawn Seed**. Fourth—Either rake the lawn lightly or roll it in order to cover the seed.

## Chewings Fescue

Used extensively for golf courses, and is one of the best grasses for this purpose, as it is creeping in habit and soon forms a solid, compact turf. A single plant will spread to be a foot in diameter. Valuable for terraces or exposed hillsides. Does well on thin or poor soils and is extremely resistant to drought. **Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 100 lbs., \$45.00.**

## Creeping Bent Grass

One of the best for putting greens, developing a fibrous turf which withstands the severest usage. It is a splendid grass also for hay and pasture on bottom lands and not too heavy soil. **Lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$8.00; 100 lbs., \$75.00.**

## English or Perennial Rye Grass

Invaluable for permanent pastures. It produces an abundance of remarkably fine foliage and soon forms a compact sward. After being cut, it grows up in a very short time and remains bright and green throughout the season; it consequently is well adapted for lawn mixtures. **Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 100 lbs., \$15.00.**

## Rough Stalked Meadow Grass (POA TRIVIALIS)

An ideal shade grass in the northern half of the United States. This grass is a perennial closely related to Kentucky Blue Grass, but somewhat finer and softer. It has a splendid apple-green color and is a creeper. Sow in Fall or Spring at rate of 1 lb. to every 300 sq. ft. **Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 100 lbs., \$55.00.**

**We Carry a Full Line of Farm Seeds, Such as Clover, Field Corn, Etc.**

# Lohrman's "SUCCESS" Vegetable Seeds

In the following pages, alphabetically arranged, we list only the cream of all the varieties of vegetable seeds which, by actual test, have proven themselves worthy. In making tests of seeds we have thrown out many varieties that have been superseded by better ones. From good seeds only can good crops be grown, and you should never risk planting an inferior grade of seed. It has oftentimes been said that in addition to planting good seeds, good gardeners are also necessary in producing a satisfactory crop. Seeds of the best quality sometimes fail through improper treatment, sowing the seeds too deep or too shallow, or in too wet or too dry soil. Some seeds will germinate rapidly if sown at a certain temperature, while others, if sown under the same conditions, are apt to decay. For these reasons we cannot, of course, guarantee or be responsible for a crop, as success is dependent upon natural causes, which are beyond human control.

**LOHRMAN SEED COMPANY GIVES NO WARRANTY, EXPRESS OR IMPLIED, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.**

**FORWARDING.** We deliver, postpaid to any post office in the United States, Vegetable and Flower Seeds in packets, ounces and pounds; above these weights, add five cents per pound for postage.

Seeds, Implements, Fertilizers and other heavy and bulky goods are sent by express or freight at purchaser's expense.

All Plants, Roots and Bulbs are forwarded by express, purchaser paying charges. For those of our customers who prefer to receive their goods by parcel post, add 5 per cent additional to the value of each order.

## Asparagus

**PALMETTO.** An early green variety, prolific, and very good quality.

**WASHINGTON RUST-PROOF.** The rust-resistant variety. This variety originated with the Department of Agriculture, Washington, D. C., after years of careful hybridizing and selection. Only vigorous growing plants, free from rust, were used. Should be used on account of its disease-resistant quality.

## Asparagus Roots

**MARY WASHINGTON.** A vigorous growing and very productive variety which has been bred to resist the disease known as "Asparagus Rust." The most uniform in type of any of the so-called rust-resistant varieties. The shoots are of large size, excellent quality and of rich deep green color tinted somewhat with purple at tips.

## Seed Disinfection

This year we have treated our entire stock of the following seeds: Cabbage, Cauliflower, Celery, Eggplant, Onions, Peppers and Tomatoes, with Semesan (a Mercuric Disinfectant), to prevent seed-borne diseases. This dust treatment which we have given these seeds mentioned not only disinfects against seed-borne disease, but actually protects the seed against soil infection by the dust on the seed going into solution after coming in contact with the damp soil. These treatments give greater assurance of strong germination, especially during cold, wet weather. They hasten as well as strengthen germination and eliminate a large proportion of seed-carried organisms. If you have not had experience with the value of organic mercury treatments, a comparative test with untreated seed will be of great interest. We feel that as seedsmen we are offering a more worth while product in selling seed that has been thus disinfected.

**PALMETTO ASPARAGUS ROOTS.** Two-year old. Can be supplied in early Spring.

## Lohrman's Selected Beans

One pound will plant 100 feet of row; 60 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate.

This seed should not be planted before the ground becomes light and warm, in favorable seasons usually about May first. Have the soil well worked, rich and mellow, scatter the seeds about three inches apart in drills 2 feet apart, and cover them 2 inches deep. Successive sowings made at intervals of 15 days until August 15th to 20th will give a plentiful supply of Beans through the Summer.

### The Best Dwarf Wax Beans

**CRACKERJACK WAX.** A high quality, flat-podded, stringless variety of the season of Wardwell's Kidney Wax. Pods are 6 to 6½ inches long, quite broad and uniformly curved, fleshy, stringless, and brittle, with little fibre. Plant more vigorous and productive than Wardwell's. Pod is bright yellow.

**SURE CROP STRINGLESS WAX.** Very early, vigorous, productive and free from disease. Pods rather flat. Black seed. Highly recommended.

**UNRIVALED WAX.** This excellent sort produces an enormous crop of pods in about 43 days, on a small, vigorous growing, dwarf plant. The pods are about 5½ inches long, semi-flat, fleshy, of fine texture, and excellent flavor. They remain in good condition for a long time. Pods a beautiful light yellow and almost transparent.

#### OTHER WAX PODDED VARIETIES

**GOLDEN WAX.** This is one of the earliest and best dwarf Beans for the home market and private garden. Pod is semi-round, yellow, of good quality, no string.

**PENCIL POD BLACK WAX.** Very strong, vigorous, 15 inches high, and very productive. The pods are large, 6½ to 7 inches long, fully rounded, straight and deeply saddle-backed, of a light golden yellow color, stringless, free from fiber, brittle, fleshy, and of highest quality.

**WARDWELL'S KIDNEY WAX.** Hardy and productive. Pods long, broad, thick, flat, and of delicate waxy yellow. The plants are strong growing, and bear their pods well up from the ground.

### The Best Dwarf Green-Podded Beans

The green-podded Beans are, as a rule, more productive than the Wax or Yellow Pod varieties, besides being less sensitive to unfavorable conditions of soil and climate, and of late years less susceptible to Bean diseases.

**BURPEE'S GIANT STRINGLESS.** Very early, productive, hardy and vigorous; the pods average about 5 inches long; straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless.

**FULL MEASURE.** Fine, stringless, medium green pod of high quality. The pods are straight, 6 inches long, very fleshy, almost round, crease-backed, have no neck, showing depressions around the bean, and are tender. It is a prolific sort, the heavy pods produced throughout a long season.

**BOUNTIFUL.** This is the best flat-podded, stringless variety. The light green pods are 6½ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, very slightly fibrous, attractive, and of very fine quality. It is very early, vigorous and a heavy yielder.

**FORDHOOK BUSH LIMA.** The bushes are erect, branching freely. The green Beans are thick and meaty, four to the pod, very tender, juicy, and of fine flavor. Bears the pods in clusters and is a heavy yielder.

#### OTHER DWARF GREEN-PODDED BEANS

**EARLY REFUGEE or 1000 to 1.** Very hardy, and for this reason a great favorite for July planting; fine in Fall for pickling. The pods are long, cylindrical, green and of the best quality.

ASPARAGUS:	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Palmetto	.....	\$0.10	\$0.15	\$0.25	\$0.30 \$1.00
Mary Washington	.....	.10	.30	.50	.85 3.00
ASPARAGUS ROOTS—2-year-old:					
		Doz.	100	1000	
Palmetto	.....	\$0.25	\$1.35	\$10.00	
Mary Washington Rust-Proof	.....	.35	2.00	12.00	
BEANS—Dwarf Wax Podded Varieties:					
		Pkt.	½ lb.	Lb.	5 lbs. 100 lbs.
Crackerjack	.....	\$0.10	\$0.25	\$0.40	\$1.50 \$23.00
Golden Wax	.....	.10	.20	.35	1.35 22.00
Pencil Pod Wax	.....	.10	.20	.30	1.35 23.00
Unrivald Wax	.....	.10	.20	.35	1.35 22.00
Wardwell's Kidney Wax	.....	.10	.25	.40	1.60 22.00
BEANS—Dwarf Green Podded Varieties:					
Bountiful	.....	.10	.25	.40	1.60 25.00
Burpee's Giant Stringless	.....	.10	.25	.40	1.60 25.00
Full Measure	.....	.10	.25	.40	1.60 25.00
Refugee or 1000 to 1	.....	.10	.20	.35	1.35 22.00
Fordhook Bush Lima	.....	.10	.30	.45	2.00 30.00

We supply 10 lbs. and over at the 100 lb. rate.

We supply 10 lbs. and over at the 100 lb. rate.

## Green Podded Pole Beans

One pound will plant 100 feet of row; 60 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate.

**KENTUCKY WONDER.** A green podded Pole Bean. Pods green, very long, often reaching 9 or 10 inches, nearly round when young and very crisp.

**SIEBERT'S EARLY LIMA.** The most popular Lima. The Bean is very vigorous and productive, bearing throughout a long season; pods large and easily opened, containing 3 or 4 large, tender Beans of excellent quality.

## Choice Table Beets

One ounce will sow 50 feet of row; 7 pounds will plant an acre.

The best soil is a light, sandy loam, having been previously enriched with well-rotted manure. If the Beets are wanted extremely early, sow in hotbeds and transplant, cutting off the outer leaves. For early use, sow in rows at intervals of two weeks from the time the ground is fit to work in Spring, up to July. The rows should be 12 inches apart and the seed sown thinly and covered firmly with one inch of soil. When the plants attain three or four leaves, thin them out to stand 3 or 4 inches in the row. We print full cultural directions on every packet.

### THE THREE BEST VARIETIES.

**EARLY WONDER.** This is the earliest and most perfectly shaped Beet for bunching purposes. Its beautiful deep blood-red, nearly globular root, small sized top and small, clean tap root make it a strong asset in the Beet family. The attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a very heavy demand for this variety. It is grown very extensively for late Fall sowing. (See color plate on inside front cover).

**CROSBY'S EGYPTIAN.** A desirable extra early sort; valuable for forcing; very popular with market gardeners. The top is small, leaves are dark green mixed with red; leaf stems and veins dark red; flesh dark red.

**DETROIT DARK RED.** This is the very best for the market and home garden. The quality is good, sweet and tender; deep red color; roots are turnip-shaped, with small tap roots. This is the most desirable Beet for canning.



Bountiful Beans. (See page 4).

## Swiss Chard or Spinach Beet

This fine vegetable gives large returns for little care; it yields a constant crop from July until Winter. Sow early in Spring in rows 16 inches apart, and thin out to 6 inches apart in the rows. Try this splendid vegetable and you will always plant it. An ounce or two of seed is sufficient for the family garden. **SILVER LEAF.**

## Mangel Wurzel

Mangel Wurzel, also called Stock Beet, is a very large Beet, growing mostly above ground. Plow deep for this crop and in May or June plant Mangel seeds six to the foot in 2- and 3-foot rows, thinning later.

**MAMMOTH LONG RED.** Very large, excellent for stock feeding.

**GOLDEN TANKARD.** The tops are small, with the leaf stalks and veins distinctly tinged with yellow. The roots are large, color light gray above ground, deep orange below.

## Sugar Beets

**FRENCH WHITE SUGAR RED TOP.** This sort is the most largely grown for stock feeding in Europe, where the superior feeding value of Sugar Beets over the coarse Mangel Wurzel is generally recognized.

**GIANT FEEDING SUGAR BEET or HALF SUGAR MANGEL.** By skillful breeding there has been developed in Giant Feeding Sugar Beets a sort much more valuable for feeding purposes than the old sorts of Mangels. Keeps better and is in every way most valuable to the farmer. Roots large, oval in form, with small top.

### BEANS—Green-Podded Varieties:

	Pkt.	½ lb.	1 lb.	5 lbs.	100 lbs.
Kentucky Wonder	.....	\$0.10	\$0.20	\$0.30	\$1.25 \$18.00
Siebert's Early Lima	.....	.10	.20	.35	1.50 22.00

We supply 10 lbs. or over at 100 lb. rate.

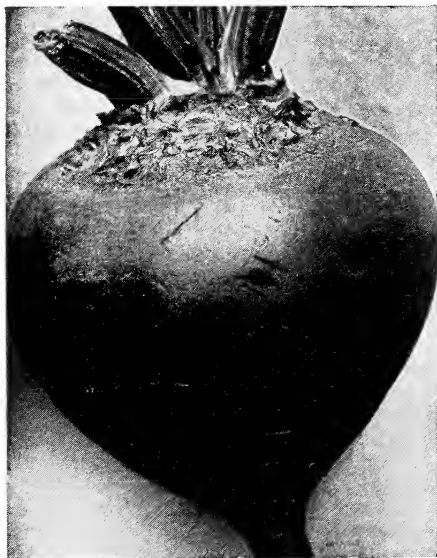
BEETS:	Pkt.	Oz.	2 ozs.	½ lb.	1 lb.
Early Wonder Selected	.....	\$0.10	\$0.15	\$0.25	\$0.40 \$1.25
Detroit Dark Red	.....	.10	.15	.20	.30 1.00
Crosby's Egyptian	.....	.10	.15	.20	.30 1.00
SWISS CHARD or SPINACH BEET	.....	.10	.15	.20	.25 .85

### MANGEL WURZEL:

Mammoth Long Red	.....	.10	.15	.20	.50
Golden Tankard	.....	.10	.15	.20	.50

### SUGAR BEETS:

French White Sugar Red Top	.....	.10	.15	.20	.50
Giant Feeding Sugar Beet or	.....				
Half-Sugar Mangel	.....	.10	.15	.20	.50



Detroit Dark Red Beet.

# Lohrman's Cabbage Seed

One ounce will produce 1500 plants; ½ pound will plant an acre.

Our Cabbage Seed is disinfected with SEMESAN to prevent seed-borne diseases. See page 4.

**Culture.** Start your early crop in hotbed in middle of February. Cover seed about one-half inch. Transplant to cold frames soon as plants are large enough, 3 to 4 inches each way. Remove glass, part of each day, to harden plants and plant out in open about middle of April. For general crop sow in open ground in late May in hills three feet apart.

Seed can also be started in the house in boxes during February where hotbeds are not available. Treat as described above. Cabbage requires good, rich soil and thorough cultivation.

## The Three Best Extra Early Varieties

**COPENHAGEN MARKET.** The heads average about eight pounds each in weight, are very solid, with small core, and of fine quality. Matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded.

**LOHRMAN'S EARLIEST OF ALL.** The earliest round-headed Cabbage on the market. It is ready for the market 21 days or three weeks earlier than Copenhagen Market. It forms real firm heads and its extreme earliness is a factor of vital importance to the market gardener.

**GOLDEN ACRE.** This is a new, early, round-headed Cabbage which closely resembles Copenhagen Market in type. As its name implies, it is a moneymaker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed Cabbage.

**SHORT-STEMMED HOLLANDER or DANISH BALL-HEAD.** Quite a distinct sort. Plants medium long-stemmed, but compact; leaves very smooth. The hardest Cabbage in cultivation; endures both frost and drought that would destroy other varieties.

**MAMMOTH RED ROCK.** The largest and most reliable heading red Cabbage yet introduced; round and solid heads of deep red color.

**SAVOY IMPROVED AMERICAN.** For Winter use, this variety is unsurpassed; heads large and solid; very tender and of excellent flavor.

**CHINESE CELERY CABBAGE, CHIHILI (Special Narrow-Head Strain).** This new strain forms tall, slim, pointed heads, much heavier and taller than Pe-Tsai, and very solid. This variety does not form a Cabbage head, but when grown its full size resembles Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked and the flavor is delicious, being very mild. Sow seed after June first and give plenty of room to the plants.



Golden Acre Cabbage.

## Lohrman's Select Strain of Short Stem Hollander

A strain much superior to the ordinary Short Stem Hollander in that the tonnage is far greater per acre.

Lohrman's Select Strain shows records of over 20 tons per acre over a period of years. It is this extra tonnage, after production costs have been paid, that brings the profit. The secret of the increased tonnage of this strain lies in the selection for hard, tight heads which weigh one-third more than ordinary Danish heads of equal size. This feature also indicates better keeping quality, for such solidity means that the heads do not have the same tendency to crack, owing to the compactness of the plant.

We quote below the contents of a letter from one of our customers who used Lohrman's Select Strain of Short Stem Hollander Cabbage last season:

"I secured from you last year one-half pound of your Select Strain of Short Stem Hollander Cabbage seed. The result was most satisfactory. On approximately four-fifths of an acre I raised from your seed twenty-two and one-half tons of Cabbage, equivalent to more than twenty-seven tons per acre."

(See color plate on inside front cover).

**CORELESS.** This comparatively new variety is by far the earliest of its type, but its earliness does not affect in any way its size or quality. It is a half-long, cylindrical, blunt-pointed variety, with a very small tap root and small, fine top. The shape and size are extremely uniform, averaging 6 to 7 inches in length and 1½ inches in diameter, clean-skinned, smooth, and easily pulled. The flesh is very fine grained, absolutely without any woody heart or core, and entirely free from stringiness and coarseness. The red-orange flesh is of the finest flavor.

## Carrots

One ounce will sow 100 feet of row; 3 pounds will sow an acre.

Carrots do best in a warm, deep, light and fertile soil or on a strong loam having been in clover and broken the year before.

**CHANTENAY HALF-LONG.** Our strain is specially selected and produces fine, uniform roots, with nice, small bunching tops. Try it this year. A medium early, half-long, smooth, blunt-rooted sort of deep orange-red color and delicate flavor. As it has a nice top, it is very popular for bunching and for frame use, allowing close planting. Shaped broadest at shoulder, tapering toward base and running suddenly to a point; the root averages 6 inches in length.

**DANVERS HALF-LONG.** This sort is slightly longer than Chantenay, growing 7 to 8 inches long, is square shouldered, tapering gradually to a blunt point. The root is smooth and handsome, of an orange-red color, with sweet, crisp flesh. For main planting it has no superior, and when sown during June, it produces the best roots to store for Winter.

CABBAGE:	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Copenhagen Market .....	\$0.10	\$0.40	\$0.75	\$1.40	\$4.50
Early Jersey Wakefield .....	.10	.30	.50	.85	3.00
Golden Acre .....	.10	1.00	1.75	3.00	10.00
Lohrman's Earliest of All ..	.10	1.00	1.75	3.00	10.00
Premium Late Flat Dutch ..	.10	.20	.35	.65	2.25
Lohrman's Select Strain Short Stem Hollander .....	.10	1.00	1.75	3.00	10.00
Mammoth Rock Red .....	.10	.30	.50	.90	3.25
Savoy Improved American ..	.10	.25	.45	.80	2.75
Short-Stemmed Hollander or Danish Ballhead .....	.10	.30	.50	.90	3.00
Chinese Cabbage, Chihili ...	.10	.75	1.25	2.00	6.50
<b>CARROTS:</b>					
Chantenay .....	.10	.15	.25	.35	1.25
Coreless .....	.10	.25	.45	.65	2.00
Danvers Half-Long .....	.10	.15	.25	.35	1.25
Early Scarlet Horn .....	.10	.15	.20	.35	1.25
Guerande or Oxheart .....	.10	.15	.20	.30	1.00
Long Orange .....	.10	.15	.20	.30	1.00
Short White .....	.10	.10	.15	.25	.85

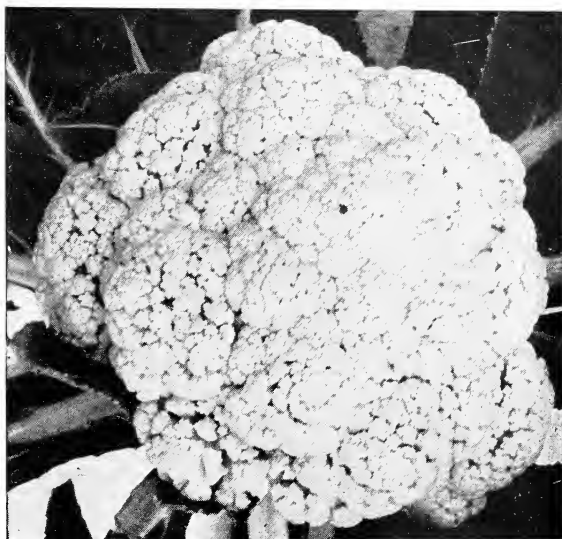
# Cauliflower

One ounce of seed will produce 1500 to 2000 plants in open ground, or about 3000 in frames. One packet will produce 150 plants.

Our Cauliflower and Celery Seed is disinfected with SEMESAN to prevent seed-borne diseases. (See page 4).

Early Cauliflower is difficult to raise and is not of the best quality, but when the plants are set out in late June or first of July and the heads form in October there is no difficulty in getting fine, large heads of first-class quality. The seed should be sown in open ground or cold frames about the middle of May or first of June on good soil. When plants are large enough, transplant to rich, moist soil. Care must be taken that the plants do not become checked in growth, as that will cause them to head prematurely.

**SNOWBALL (Perfected Strain).** Although an early variety, the Snowball is most excellent for late or main crop as well as for forcing and Summer use. We have a very fine improved strain of the true Snowball type. The plant is dwarf and compact and the heads are large, solid, snow-white, and with no protruding leaves when well grown under favorable conditions. Matures early but usually the best heads are obtained from plants set out rather late. The seed we offer is the very finest strain obtainable, 95 per cent of the plants make good heads. There is no use in paying more for the seed than we charge, as no better seed can be obtained at any price. This is the plain truth which anyone can prove who will take the trouble to try our seed side by side with seed costing twice as much.



Extra Early Snowball Cauliflower.

# Celery

One ounce of seed will produce 3000 plants; ¼ pound will plant an acre.

Celery seed is slow to germinate, and when the plants are wanted early, seed should be sown in hotbeds in March and April; barely covering the seed. When the plants are large enough, transplant to cold frames, one and one-half inches apart. When the weather is suitable transplant into the open ground. This should be done early in June. Do not cultivate, hill or disturb Celery in wet weather, as this may bring on rust. Celery matures best in cool, moist weather.

**GOLDEN SELF-BLANCHING.** Ready for use nearly as early as White Plume. Blanches as easily and is larger in size as well as finer in quality.

**GOLDEN PLUME or WONDERFUL.** Authorities pronounce this the best golden, self-blanching Celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk, does not grow hollow, and all of it, including the foliage, is good eating.

**WINTER QUEEN.** A medium tall, solid variety. Heart is creamy white and very full. An excellent keeper.

**CELERY SEED FOR FLAVORING.**

# Celeriac

**LARGE SMOOTH PRAGUE.** Cooked and prepared as a salad it is very desirable; it has a rich, meaty, distinct celery flavor. It may also be cooked as are turnips and parsnips.

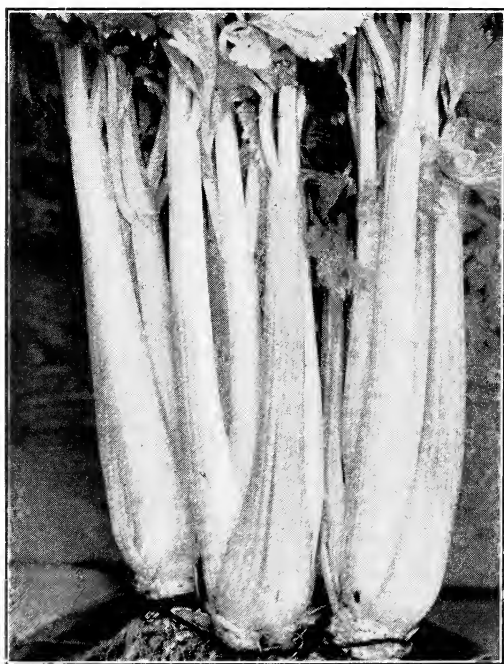
# Chicory

**WITLOOF or FRENCH ENDIVE.** The leaves and leaf stems of this variety are blanched and used as a salad like Endive or Cos Lettuce.

# Collards

One ounce will sow 200 feet of row.

**GEORGIA.** Cultivation same as Cabbage, of which it is really a tall loose-leaved form. Grows 3 feet high, forming a cluster of undulated leaves at the top of its long stem.



Golden Plume or Wonderful Celery.



## "Damping Off" Controlled

We have always had a lot of trouble with plants damping off in the greenhouse and frames. "Damping off," caused by a fungous disease, can be controlled by steaming the soil, but this is a very expensive and laborious method. For the past two seasons we have found that by treating the soil with "Semesan," a new mercurial disinfectant, we have been able to absolutely stop damping off in the greenhouses, in some cases almost overnight. The method is very easy and not expensive. Simply water the bed with a solution of Semesan. For prices and further details, see page 43 of this catalog.

## CAULIFLOWER:

	Pkt.	¼ oz.	Oz.	2 ozs.	4 ozs.	Lb.
Early Snowball .....	\$0.10	\$0.75	\$2.50	\$4.00	\$7.50	\$28.00

## CELERY:

	Pkt.	Oz.	2 ozs.	4 ozs.	Lb.
Golden Self-Blanching .....	\$0.10	\$1.00	\$1.60	\$2.75	\$10.00
Golden Plume or Wonderful ..	.10	2.50	4.15	7.50	25.00
Winter Queen .....	.10	.35	.60	1.00	3.50
Celery Seed for Flavoring ....	.10	.15	.25	.50	

CELERIAC .....	.10	.25	.35	.65	2.75
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## CHICORY:

Witloof .....	.10	.25	.45	.80	2.75
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COLLARDS .....	.10	.15	.25	.85	
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# Lohrman's Sweet Corn

One pound will plant 100 hills; 12 pounds will plant an acre.

**Culture.** Use deep, rich soil. Plant for succession of crop every three weeks when the ground becomes warm and mellow, usually early in May. Plant in hills three feet apart each way. Six seeds to each hill. Cover half an inch when you thin out to three plants.

**BANTAM EVERGREEN.** A cross between Golden Bantam and Stowell's Evergreen, and a most excellent sort of fine quality. Ears 7 inches long and 12- to 14-rowed. Grain broad and deep, of a rich, golden yellow color.

**BLACK MEXICAN.** The ripe grain is bluish black, but when in condition for table, cooks white; by many considered the standard for sweetness. Desirable for family use.

**COUNTRY GENTLEMAN.** Unsurpassed for family use and the home garden. The cob is small with deep pearly milk-white kernels full of sweetness. Ears are produced in great abundance, sometimes four to six to one stalk.

**GOLDEN BANTAM.** This has become the standard for high quality in Sweet Corn. The ears are 6 to 7 inches long with 8 to 10 rows of deep yellow kernels; which are deliciously sweet and tender. Matures medium early. Our stock has been carefully bred and it will be found far superior to most Golden Bantam.

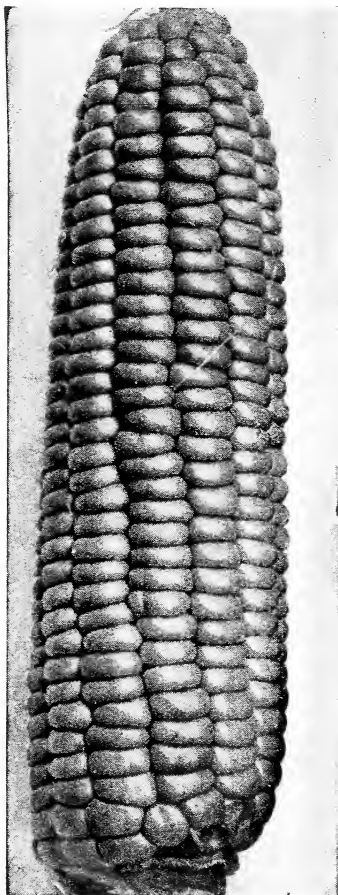
**GOLDEN SUNSHINE.** The earliest of the Golden Bantam type, maturing a week or ten days earlier than that variety; more dwarf in habit than Bantam, with ears 6½ inches long, containing 12 rows of broad, yellow, sweet grains. Especially desirable for its extreme earliness.

**MAMMOTH WHITE CORY.** Succeeds well where the seasons are short. Extra large with pure white kernels. Very sweet.

**STOWELL'S EVERGREEN.** Popular sort. One of the best known and widely grown. Ears large with deep kernels of a rich, sugary flavor. Valued for its keeping qualities.

**WHIPPLE'S EARLY WHITE.** This is an extra early variety with the deep grain of the Evergreen type. The stalks are 5 to 6 feet high, of vigorous growth; the ears are produced 1½ feet from the ground, often two to the stalk and are 8 inches long, rather "blocky" in form, 16- to 18-rowed, filled with deep wedge-shaped grains of pearly whiteness and high sugar content.

**WHIPPLE'S YELLOW.** A new yellow Sweet Corn that matures a few days before Golden Bantam and in addition grows ears 7 to 8 inches long and 12- to 16-rowed, with often two ears to one stalk. Whipple's Yellow grows quite tall and the eating quality of the corn is very excellent.



Golden Bantam Sweet Corn.

## POP CORN

**WHITE RICE.** The most popular of the varieties with the Pop Corn men, and to be recommended above the other varieties.

## CORN SALAD - Field Salad

A most refreshing salad. Hardy, much used in Winter in place of lettuce. Sow either in Spring or Fall.

## CRESS

Used with lettuce, it gives an agreeable pungency.  
**CURLED.** **TRUE WATER.**

CORN:	Pkt. ½lb.	Lb. 5lbs. 100lbs.
Bantam Evergreen .....	\$0.10 \$0.25 \$0.45 \$1.75 \$21.00	
Black Mexican .....	.10 .20 .35 1.60 18.00	
Country Gentleman .....	.10 .20 .35 1.60 18.00	
Golden Sunshine .....	.10 .30 .50 2.00 28.00	
Golden Bantam .....	.10 .20 .35 1.60 18.00	
Mammoth White Cory .....	.10 .20 .35 1.60 18.00	
Stowell's Evergreen .....	.10 .20 .35 1.60 18.00	
Whipple's Early White .....	.10 .25 .45 1.85 25.00	
Whipple's Yellow .....	.10 .25 .45 1.85 25.00	
POP CORN—White Rice ..	.10 .25 1.00 15.00	

We supply 10 lbs. and over of Corn at 100-lb. rate.

CORN SALAD	Pkt. Oz.	2ozs.	4ozs.	Lb.
CRESS:				
Curled .....	.10	.15	.20	.25 .75
True Water .....	.10	.35	.60	1.00 3.50
CUCUMBERS:				
Chicago Pickling .....	.10	.15	.25	.35 1.00
Davis Perfect .....	.10	.15	.20	.35 1.25
Early Fortune .....	.10	.15	.20	.35 1.25
Extra Long or Evergreen ..	.10	.15	.25	.40 1.50
White Spine .....	.10	.15	.25	.35 1.00
Early White Spine .....	.10	.20	.35	.65 2.25
Improved Long Green .....	.10	.20	.35	.65 2.25
Klondike .....	.10	.15	.20	.35 1.25

## Cucumbers

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.

**Culture.** Sow in the open ground as soon as weather is warm and settled. Sow seed one-half inch deep in the hills. The hills should be 4 to 6 feet apart and each hill enriched with well-rotted manure. For pickling sow from middle of June to first week of July. When plants are well up, thin out. Striped bugs readily attack the young plants. Use our Nicotine Dust, it gives 100 per cent kill.

**EARLY WHITE SPINE.** Improved strain. An excellent variety of light green color, with white spines; crisp, and of fine flavor.

**EXTRA LONG or EVERGREEN WHITE SPINE.** Unexcelled in table quality. The flesh is unusually thick and seed space extremely small. Flavor is unsurpassed and meat is white, firm and crisp. Vines are of vigorous growth with large, heavy foliage. The color is a rich, dark green. Size 10 to 12 inches in length, always straight, and never turns yellow.

**IMPROVED LONG GREEN.** Long, dark green variety of good standing.

**CHICAGO PICKLING.** A variety esteemed and grown extensively for the large pickling establishments on account of its superiority as a pickling cucumber.

**DAVIS PERFECT.** This Cucumber is perfect, combining quality, shape, color and productiveness. The Cucumbers grow long and slim, sometimes measuring 12 inches in length, and the color is a rich, dark, glossy green.

**KLONDIKE.** This variety is one of the best for slicing. The color is rich green, and the fruits grow to a uniform size, about 7 inches in length and 2 inches thick, when in condition to cut.

**EARLY FORTUNE.** Early, very productive and disease-resistant. The fruits grow 9 inches long and 2½ inches in diameter, slightly tapering; flesh white, very firm and crisp; color rich, dark green.



Davis Perfect Cucumber.

## Eggplant

Our Eggplant Seed is disinfected with SEMESAN to prevent seed-borne diseases. See page 4.

Sow seeds in hotbed in April or May. Then transplant in cold frames and plant in open ground when weather becomes sufficiently warm in June or July. The soil can hardly be made too rich.

**BLACK BEAUTY.** Earlier than Improved Large Purple, but not so large. Plants remarkably healthy and productive. A very fine market sort.

**EARLY LONG PURPLE.** An early variety with fruit 6 to 8 inches long and 2 to 3 inches through. Matures early and is very prolific.

## Endive

Sow the seed in beds, covering lightly; transplant in rows about 18 inches apart. About two weeks before ready for use it is blanched by tying the leaves together with raffia or soft cord.

**GREEN CURLED.** The leaves are large and finely cut and curled and easily blanch to a creamy white in the center. This is the most popular variety.

**BROAD-LEAVED BATAVIAN.** Leaves are broad, thick, green, more or less twisted and waved with white mid-ribs. It forms large hearts, which, when blanched, form one of the best Winter salads.

## Kale or Borecole

Sow in May or June in shallow drills 10 to 12 inches apart. When large enough, transplant in single rows 2 feet apart each way. Frost improves the flavor.

**DWARF CURLED SCOTCH.** Extra fine curled bright green leaves, tender and of fine flavor.

## Kohl-rabi

One ounce will sow 200 feet of row; 4 pounds will sow an acre.

One of the most useful vegetables for the Autumn. It combines the good qualities of the turnip and cabbage. Sow seed in rows 18 inches apart, thinning out when large enough.

**EARLY WHITE VIENNA.** Delicate. Much prized for forcing.

## Leek

One ounce will sow 100 feet of row; 4 pounds will sow an acre.

Sow as early as the ground can be worked in the Spring, in rows one foot apart. Cover seed an inch deep. Transplant when the plants are five to six inches high in rows six inches apart. Plant as deep as possible, that the neck, being covered, may be blanched. Ground must be very rich.

**MONSTROUS CARENTAN.** A very large variety of superior quality.

# Lohrman's Superior Lettuce Collection

One ounce will sow 150 feet of drill; 3 pounds will sow an acre.

For earliest crops sow the seed in hotbed in February or March, transplant in sheltered rows with southern exposure. For successive crops, sowings may be made in the open ground as early as Spring opens, continuing well into July. Always thin out well or the plants will not be strong. When wanted as cut salad, sow the seed thickly in rows or broadcast.

## Heading Varieties

**BIG BOSTON.** This is the best variety either for the big market grower or the home gardener. The heads are large and blanch to creamy white. It is a sure header and stands a long time before going to seed.

**MAY KING.** If you want a very first early Lettuce, plant May King. It is equally good for outdoor growing and forcing. The outer leaves have a slight brownish tinge, while the heart is a beautiful yellow.

**NEW YORK ICEBERG or WONDERFUL.** Leaves beautifully curled at the edges, crisp and brittle; bright green. Very solid; well blanched.

**UNRIVALED.** An improvement on the white-seeded Big Boston, forming very solid, large, pale green heads without the reddish brown tinge, and of excellent quality. Forms a head in six weeks; at least ten days earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well. Is crisp, tender and solid.

**WHITE SELF-BLANCHING COS** (Romaine Lettuce). One of the very best for Summer use. It is self-folding, with a beautiful creamy white heart. Butter flavor.

## Curled Varieties

**BLACK-SEEDED SIMPSON.** One of the best for sowing in open ground, where an exceedingly tender leaf is desired, and for those markets which demand a very loose clustering sort.

**DETROIT MARKET GARDENER'S FORCING.** The heads of this favorite sort are large, solid, light green, beautifully curled; very crisp and tender.

**GRAND RAPIDS.** Forms a loose cluster of leaves, which are bright green and crimped at the edges. Matures quickly; very crisp and tender.

**SIMPSON'S EARLY CURLED** (Seed White). A very extensively used early loose-leaved or clustering variety. The leaves are light green in color, slightly frilled and much blistered, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young.



Grand Rapids Lettuce.

DANDELION:	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Thick-Leaved .....	\$0.10	\$0.55	\$1.00	\$1.75	
<b>EGGPLANT:</b>					
Early Long Purple .....	.10	.40	.70	1.20	3.75
Black Beauty .....	.10	.50	.90	1.60	5.50
<b>ENDIVE:</b>					
Broad-Leaved Batavian ....	.10	.15	.20	.35	1.25
Large Green Curled .....	.10	.15	.20	.35	1.25
<b>KALE:</b>					
Dwarf Curled Scotch .....	.10	.15	.25	.35	1.20
<b>KOHLRABI:</b>					
Early White Vienna .....	.10	.25	.45	.85	2.75
<b>LEEK:</b>					
Montrous Carentan .....	.10	.25	.40	.75	2.75
<b>LETTUCE—Curled Varieties:</b>					
Black-Seeded Simpson .....	.10	.20	.30	.50	1.75
Detroit Market Gardener's					
Forcing .....	.10	.20	.30	.50	1.75
Grand Rapids .....	.10	.20	.30	.50	1.75
Simpson's Early Curled .....	.10	.15	.20	.35	1.25
<b>Heading Varieties:</b>					
Big Boston .....	.10	.20	.35	.65	2.25
New York Iceberg or					
Wonderful .....	.10	.25	.40	.75	2.50
May King .....	.10	.20	.30	.50	1.75
Unrivald .....	.10	.20	.35	.65	2.25
White Self-Blanching Cos ..	.10	.20	.35	.60	2.00

# Muskmelons of Merit

One ounce will plant 50 hills; 2 to 3 pounds will plant an acre,

Do not plant until the danger of frost is past. Sow in hills six feet apart each way. Put 10 to 12 seeds in each hill and when well up thin out to two or three plants. Melons must have light, well worked, moderately rich soil. Pinch the ends of main stems, which will strengthen the vine and induce earlier and heavier fruiting.

## Salmon-Fleshed Varieties

**BENDER'S SURPRISE.** A high class Melon of delicious flavor and sweetness. The flesh is deep orange and very thick. The large, oval-shaped, coarsely netted Melons often weigh from 10 to 15 pounds each. The flesh is so thick and the rind so firm that Bender's Surprise will keep perfectly for a week after picking, and the flavor will actually improve.

**EXTRA EARLY OSAGE.** It is one of the earliest and best Melons grown. The oval fruit is dark green, slightly ribbed and gray netted. The flesh is a rich orange-salmon, very thick and with small seed cavity.

**HEARTS OF GOLD.** Most highly recommended for commercial or private growers. Vines are strong, vigorous and disease resistant. Melons are of convenient size, fine appearance, and the deep orange colored flesh is of delicious flavor.

**OSAGE.** Medium to large size, of excellent quality. Vigorous and productive. Fruits oval, dark green, slightly ribbed. Flesh salmon color, thick, fine grained, highly flavored. A favorite variety for the later market.

## Extra Early Lake Champlain Muskmelon

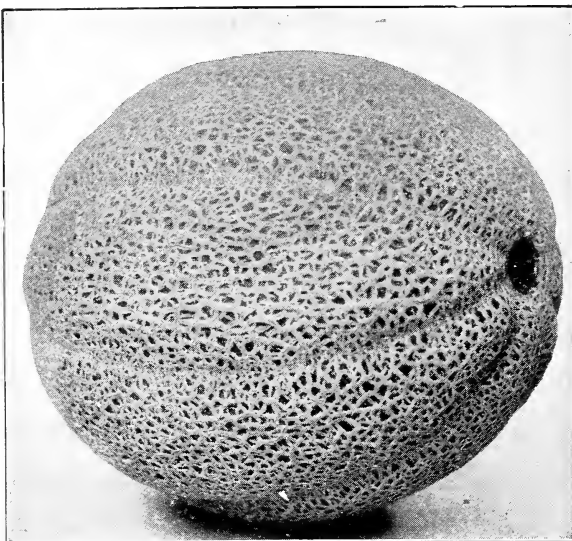
If your season is a short one, or if you want to get the first Melons to your market from your section, use Lake Champlain. Those Muskmelons which are commonly planted take from 70 to 90 days to mature. This one will be ready far ahead of any of them, and is the earliest we have seen. It is very productive, as is evidenced by one grower's crop of 1,975 half-bushel baskets to the acre. The plant is very vigorous and healthy, setting and ripening Melons rapidly even under adverse conditions. The Melons are medium sized, of the Hackensack shape, and nicely netted. The flesh is deep, very sweet and a beautiful golden yellow color.

### MUSKMELONS—Salmon-Fleshed Varieties:

	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Bender's Surprise .....	\$0.10	\$0.20	\$0.30	\$0.65	\$2.00
Extra Early Osage .....	.10	.20	.30	.50	1.75
Hearts of Gold .....	.10	.20	.30	.50	1.75
Osage .....	.10	.20	.30	.50	1.75
Extra Early Lake Champlain ..	.10	.35	.60	1.00	3.50

### WATERMELONS:

Kleckley's Sweet .....	.10	.15	.20	.30	1.00
Peerless .....	.10	.15	.20	.25	.85
Harris Earliest .....	.10	.15	.20	.25	.85
Citron—For Preserves .....	.10	.15	.25	.35	1.25



Bender's Surprise Muskmelon.

# Watermelons

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre.

Culture is the same as for muskmelons, but place the hills eight to ten feet apart.

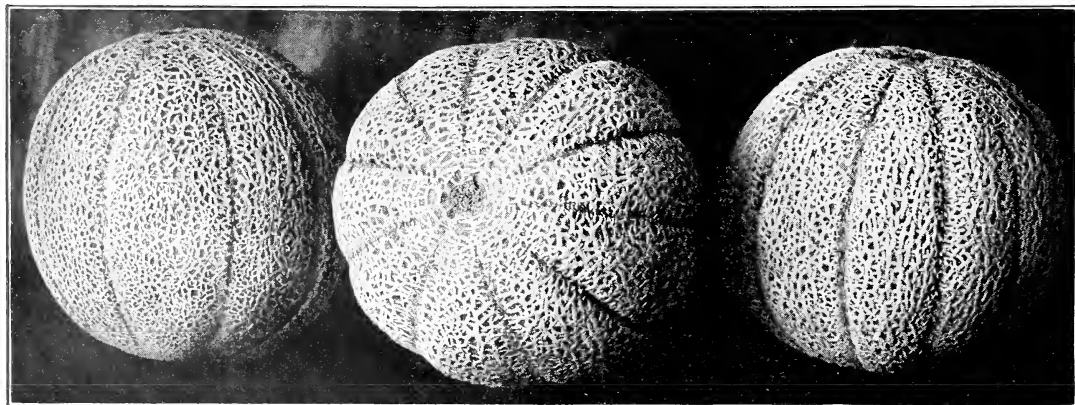
**KLECKLEY'S SWEET.** This variety is more widely used for market and home garden than any other kind. Often reaches 22 inches in length and 40 pounds in weight. Skin dark green; flesh bright red; seeds white. Medium early. Highly recommended.

**PEERLESS.** One of the best early Melons. Vine moderately vigorous, hardy and productive. Fruit medium size, oval, bright green, finely veined with a darker shade. Flesh bright scarlet, crisp and very sweet. Rind thin; seeds white.

**HARRIS EARLIEST.** An extra early Melon of excellent quality. Fruit large for an early variety; oblong, broad stripes of light and dark green. Flesh bright red, tender and sweet. Seed black.

**CITRON FOR PRESERVES.** Fruit round and smooth. Is not eaten raw, but is used for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid.

**Melons Ripen Earlier  
with Hotkaps**



Lake Champlain Muskmelons.

## Mustard

One ounce will sow 100 feet of row; one pound will sow an acre in drills, two pounds if broadcasted.

Imparts a pungent flavor to salads, sandwiches, etc. Sow at frequent intervals one-half inch deep in drills 8 inches apart.

**FORDHOOK FANCY.** Has long, slender, plumelike, finely curled leaves of a deep green color, with edges deeply cut. Stands a long time before running to seed.

## Mushrooms

Mushrooms can be grown wherever there is a cellar or a closed shed, in which an even temperature of from 50 to 60 degrees can be maintained and where a plentiful supply of fresh horse manure for making the beds can be obtained. **PURE CULTURE SPAWN.**

## Okra or Gumbo

One ounce will sow 100 feet of drill.

The green pods are delicious for soups. Sow during May in drills three feet apart and thin out later to ten inches in the row.

**WHITE VELVET.** Pods round, smooth, white, tender.

## Onions

One ounce will sow 100 feet of row; 5 pounds will sow an acre.

Our Onion Seed is disinfected with SEMESAN to prevent seed-borne diseases. (See page 4).

Onions must have clean and very rich soil. A liberal use of manure is more essential to this than any other crop. It should be of the best quality, well fermented, and thoroughly worked over during the previous Summer. Get the seed in as early as possible in the Spring. Sow in drills not less than a foot apart nor more than half an inch deep. Keep soil mellow and clear of weeds. In cultivating do not cover the young bulbs with earth.

**MICHIGAN YELLOW GLOBE.** A variety specially suited for muck soils. Bulbs are large, globe-shaped with flattened base, small-necked, with slightly less slope to the shoulder than the Southport Globes. The skin is a rich yellow, tinged with orange; flesh is creamy white, mild and of fine quality.

**PRIZETAKER.** A very handsome late or main crop Onion of the largest size and nearly globular in form, sloping slightly at the shoulder and base. Skin is yellowish brown. Flesh is creamy white, very mild, fine flavor.

**LARGE RED WETHERSFIELD.** An Onion of very productive habit and a fine keeper. The skin is deep purplish red, which covers a round, somewhat flattened bulb of purplish white flesh.

**SOUTHPORT WHITE GLOBE.** The finest of all white Onions. A good shipper and keeper. Our stock has the true globe shape, full at the base and shoulder. Crops raised from our seed have given excellent results to others; they will do the same for you.

**WHITE PORTUGAL or SILVERSKIN.** A fine white sort for sets, or bunching when young. Mature bulbs are of medium size, flattened globe with silver-white skin. For Summer and early Fall use.

**YELLOW GLOBE DANVERS.** A standard sort which grows to a large size. Bulbs large and globular, with very thin necks; rich orange-yellow. Flesh white and mild.



Fordhook Fancy Mustard.

**WHITE QUEEN.** A very early, very white, clean-skinned variety used for bunching when young. One of the best for small pickles.

**WHITE WELSH ONION.** The best kind for green Onions; it forms no bulbs. A very hardy, perennial variety of Onions used only for bunching or for early green Onions. The shoots attain marketable size very quickly and sell at top prices before the green Onions grown from sets are brought to the market. Much superior to the Egyptian Onion. Sow seed thinly for early Spring Onions. Market gardeners will find the White Welsh Onion an exceedingly profitable crop.

## ONION SETS

(Onion Sets at Market Price).

**WHITE BOTTOM SETS.**

**YELLOW BOTTOM SETS.**

## Parsley

One ounce will sow 150 feet of row; 3 lbs. will sow an acre.

**CHAMPION MOSS CURLED.** A very fine curled variety. One of the most handsome for garnishing purposes. The nice green curled leaves make it desirable.

**HAMBURG or ROOTED.** The fleshy root resembles a parsnip. The leaves are used for soup, greens, and the roots are delicious when sliced.

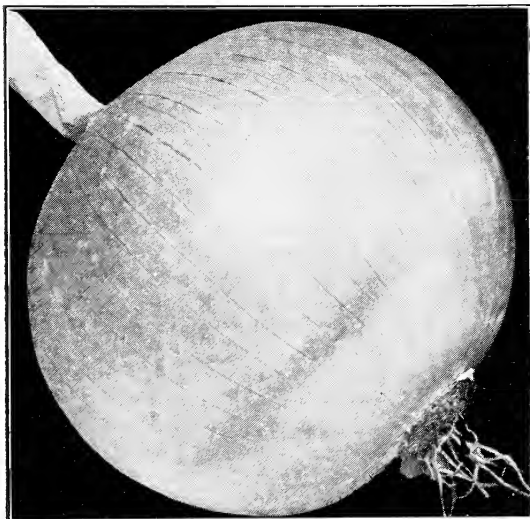
**PLAIN or SINGLE.** Leaves flat, deeply cut, but not curled.

## Parsnips

One ounce will sow 150 feet of row; 4 lbs. will sow an acre.

Sow as early in the Spring as the weather will permit, in drills 18 inches apart and 1½ inches deep, in a deep, rich soil; thin out 3 to 6 inches apart in the rows. The quality is improved by leaving in the ground over Winter for Spring use. For a Winter and Spring vegetable, Parsnips are both appetizing and healthful.

**HOLLOW CROWN.** A real hollow-crowned selection. The roots are about 12 inches long, with smooth white skin, uniform in shape, tapering evenly from a heavy shoulder down to a small root. The flesh is tender and of best quality.



White Globe Onion.

<b>MUSHROOMS—Pure Culture Spawn . . . Per brick, 35c.</b>					
<b>MUSTARD:</b>					
	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Fordhook Fancy . . . . .	\$0.10	\$0.20	\$0.25	\$0.35	\$1.25
<b>OKRA:</b>					
White Velvet . . . . .	.10	.15	.20	.25	.75
<b>PARSLEY:</b>					
Champion Moss Curled . . . . .	.10	.15	.25	.40	1.50
Hamburg or Rooted . . . . .	.10	.20	.35	.60	1.75
Plain or Single . . . . .	.10	.15	.20	.35	1.00
<b>PARSNIPS:</b>					
Hollow Crown . . . . .	.10	.15	.20	.25	.75
<b>ONIONS:</b>					
Michigan Yellow Globe . . . . .	.10	.25	.40	.75	2.50
Prizetaker . . . . .	.10	.25	.40	.75	2.50
Large Red Wethersfield . . . . .	.10	.20	.35	.60	2.00
Southport White Globe . . . . .	.10	.35	.60	1.00	3.75
White Portugal . . . . .	.10	.30	.50	.90	3.25
White Queen . . . . .	.10	.35	.60	1.00	3.50
White Welsh . . . . .	.10	.35	.60	1.00	3.75
Yellow Globe Danvers . . . . .	.10	.25	.40	.75	2.50

# Best Northern Grown Seed Peas

Two pounds will plant 100 feet of row; 120 pounds will plant an acre. Not less than 10 pounds at the 100 pound rate. If ordered shipped prepaid, add 8c per pound.

For early crops sow as early in Spring as possible; then sow every two or three weeks apart for a succession throughout the season well into August. Plant in single rows or double, 4 feet apart and 2 inches deep. In dry weather soak the Peas over night before planting.

**GRADUS or PROSPERITY.** An early, large-podded, wrinkled sort which matures slightly later than the dwarf, round-seeded, small-podded extra earlies. It combines a pod 4 inches long with extreme earliness and fine quality. The vines, growing 3 feet high, are heavy-stemmed with large, medium green leaves. The medium green pods are straight, uniformly large, semi-round, slightly curved at the tip, pointed and containing 6 to 8 large peas of medium green color.

**HUNDREDFOLD.** This is, without doubt, the very best dwarf Pea ever grown. We have found none so near perfection as Hundredfold. It is the best flavored and the largest podded dwarf growing sort in existence. It is ready about three days after the earliest sorts, and bears an enormous crop of handsome, intensely dark green, fairly broad and pointed pods, 4 inches long, containing about eight large, dark green peas of excellent quality. The vines are 16 inches high, sturdy, and resist heat well.

**LAXTONIAN.** 15 to 18 inches high. Very large pods, similar to Gradus in shape. Quality splendid. Highly recommended.

**LITTLE MARVEL.** Vines dwarf, sturdy, and heavily set with straight, deep green square-ended pods, 3 inches long and well filled with 7 large, dark green peas. Height 14 inches.

**WORLD'S RECORD.** An earlier strain of the well known Gradus Pea and does not grow quite as tall, averaging about 2 feet in height. The medium green, moderately stout vines, however, are more productive, bearing medium green pods, 4 inches long, which are fairly broad, pointed and well filled with from 7 to 9 very large, dark green peas of exceptionally fine quality. Comes to maturity three days before Gradus.

**THOMAS LAXTON.** An exceptionally good, first-early, wrinkled marrow Pea of great merit. Vines resemble Gradus, growing from 2½ to 3 feet high, but are somewhat lighter in color and mature at the same time. This Pea has a vigorous, hardy constitution and can be planted with the first early, smooth-seeded sorts. The productive vines grow a heavy crop of straight, nearly round, square-ended, medium green pods, about 3½ inches long and literally packed with 7 to 8 fine peas of rich flavor and medium green color.

## Late or Main Crop Varieties

**ALDERMAN.** This is one of the very best of the earliest main crop varieties of the Telephone type. The vines are tall and strong, growing about 4 to 4½ feet in height, and of a medium green color, are vigorous and exceedingly productive. Pods 5 inches long, dark green, very broad, and pointed at the end, straight but slightly curved at the point, and contain 8 to 9 very large peas.

**TELEPHONE.** (Dark podded). This late Pea has a fine appearance, high quality and large sized pod. Vines are tall, vigorous, 4½ feet high, with large, coarse, medium green leaves and produce an abundance of attractive dark green pods 4½ inches long, straight, broad and pointed, filled with 8 large, light green peas which are tender, sugary, sweet, and of an excellent flavor. The standard late sort for main crop, and is very productive.

## Peppers

One ounce will produce 1000 to 1200 plants.

Our Pepper Seed is disinfected with SEMESAN to prevent seed-borne diseases. (See page 4).

Sow seeds in a hotbed or in a box in the house, transplant when three inches high into cold frame, and when the ground is warm enough, transplant into the open.

## The Four Leading Varieties

**CALIFORNIA WONDER PEPPER.** Here's a new Pepper of real merit. It's nearly as large as, and earlier than Chinese Giant, but is blocky or square-ended, just the shape you've been looking for. It will sit upright and is ideal to stuff and bake, or to serve whole with salad. Its walls are exceptionally thick, heavier and firmer than any other sort, and the flesh is deliciously sweet and spicy, with no bite to it. Some specimens in our trials measured 4½ inches across and weighed 1½ lbs. The bright attractive green changes to a brilliant light crimson. Try it; it's a wonder.

**CHINESE GIANT.** An exceedingly large red Pepper. The plants are vigorous but stocky, about 2 feet high, well branched and thickly set with fruits. The monstrous fruits mature slightly later than Ruby King, are blocky in form, 4 to 5 inches broad at the top and of equal length, divided into four or more large ridges, and of a most brilliant glossy scarlet color. All fruits are enormous and very mild.

**CRIMSON GIANT.** The earliest of the very large sized Peppers, 4½ inches long and 3½ inches across the top. Flesh is thick, firm and mild. Plants are 2½ feet high, larger and more productive than Chinese Giant.

**HARRIS' EARLY GIANT.** The earliest and most prolific large Pepper. Very large, early, and yields enormously; fruits 5 inches high and 4 inches across, 21 Peppers fill a 14-quart basket. As large as Chinese Giant, 3 or 4 weeks earlier and much more prolific.

## Standard Varieties

**LARGE BELL or BULL NOSE.** The plants are vigorous, 2 feet high, compact and productive, ripening crop uniformly and early. Fruits are 3 inches long and 3 inches across the top, with very thick, pungent flesh. Deep green when young, scarlet-crimson when ripe.

**LARGE BELL or BULL NOSE (Hot).** Same as the Sweet Bull Nose, only very pungent.

**LARGE YELLOW HUNGARIAN.** (Real Hot). Peppers are 6 inches long, 2 inches thick at stem end, running to a gradual taper, resembling in size and shape a large Red Cayenne. Color a bright yellow changing to a bright crimson when ripe. Flesh smooth and waxy in appearance. A good seller for the market gardener in and around Detroit. (Supply limited).

**LONG THICK RED.** A hot Pepper on the order of Cayenne, though much thicker with a thicker flesh. Early and very prolific. Pods pendent, red and pungent. Popular in many markets.

**LONG RED CAYENNE.** A red hot variety. The slender, pointed, 3-inch pods taper from one-half inch to the point.

**PIMENTO.** Fruit of medium size, pointed or top-shaped, very smooth and glossy; exceptionally thick flesh which is firm, sweet, and of the very best quality for either salads, stuffing or canning. The plants are quite tall and produce a great many Peppers, but they mature quite late, so this variety is better for localities south of New York than farther north. The Peppers are deep green changing to red when ripe.

**RED CHILL.** An exceedingly prolific, very hot variety, used for Pepper sauce; fruits about 1½ inches long.

**RUBY KING.** The fruit is 5 to 6 inches long, and 2½ to 3 inches in diameter, bright red when ripe, deep green when young; flesh thick and very mild. Harris' Earliest bears many more Peppers but they are not quite as large.

## Pumpkins

One ounce will plant about 25 hills; 4 pounds will plant an acre.

Pumpkins are usually raised among corn. When the corn is about 1½ feet high or after it receives its last cultivation, the seed is sown, dropping three seeds in every third hill. Or the seed may be sown in May, after the 15th, in hills 8 feet apart, placing 6 seeds in every hill and later thinning out to four plants.

**LARGE YELLOW.** Large, round, flattened fruit, very hardy and productive. Fine keeper. The very best for family use.

**SWEET SUGAR or NEW ENGLAND PIE.** This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small, round Pumpkin, dark orange in color, with thick, dry, fine grained flesh.

PEPPERS:	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Chinese Giant .....	\$0.10	\$0.50	\$0.90	\$1.50	\$5.50
California Wonder .....	.10	1.15	2.00	3.75	14.00
Crimson Giant .....	.10	.50	.90	1.60	5.50
Harris' Early Giant ¼ oz., 45c; .....	.10	1.25	2.25	4.00	15.00
Large Bell or Bull Nose (Sweet) .....	.10	.40	.75	1.40	4.50
Large Bell or Bull Nose (Hot) .....	.10	.45	.80	1.50	5.00
Long Red Cayenne .....	.10	.40	.70	1.25	4.00
Large Yellow Hungarian .....	.10	1.00	1.85	3.50	12.00
Long Thick Hot .....	.10	.45	.80	1.50	5.00
Pimento .....	.10	.50	.85	1.40	4.75
Red Chili .....	.10	.40	.75	1.25	4.50
Ruby King .....	.10	.50	.85	1.40	4.75
<b>PUMPKINS:</b>					
Large Yellow .....	.10	.15	.20	.25	.75
Sweet Sugar or New England Pie .....	.10	.15	.20	.30	1.00
<b>PEAS:</b>					
Gradus .....	\$0.10	\$0.25	\$0.40	\$1.25	\$20.00
Hundredfold .....	.10	.25	.40	1.35	22.00
Laxtonian .....	.10	.25	.40	1.35	22.00
Little Marvel .....	.10	.25	.45	1.45	24.00
Thomas Laxton .....	.10	.25	.40	1.25	20.00
World's Record .....	.10	.25	.45	1.40	23.00
<b>PEAS—Late or Main Crop:</b>					
Alderman .....	.10	.20	.35	1.10	17.00
Telephone .....	.10	.20	.35	1.10	17.00

# Lohrman's Superior Radishes

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

The secret in growing good Radishes consists chiefly in the observance of three points: First, grow them on light, quick soil. Second, give them plenty of water. Third, get the right kind of seed. Radishes grow very rapidly and, if not given sufficient moisture, will turn pithy. Sow the seed one-half inch deep in early Spring, in rows one foot apart, and remember that the more fertile the soil the faster they will grow. For succession sow every ten days.

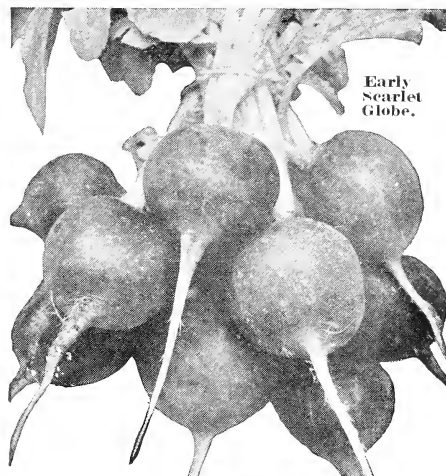
**CRIMSON GIANT.** This new type attains a size more than double that of any other turnip variety without getting pithy or hollow. The pure white flesh is crisp, tender and mild. Sow thinly to allow full development.

**CINCINNATI MARKET.** Long, smooth, slender, uniform, tapering roots about 6 to 7 inches long, and five-eighths inch in diameter at the shoulder. It is of a fine, deep red color and one of the best of the early long varieties.

## Early Scarlet Globe Radishes

(Lohrman's Premium Strain)

A fine early radish. It is oval to round in shape, very bright red. Flesh white, firm and crisp. The radishes are clear scarlet without purple tinge and grow very rapidly, being ready to pull in about 18 days. (Read on inside front cover page why Lohrman's Premium Strain Scarlet Globe Radish seed is far superior to any other now offered).



Early  
Scarlet  
Globe.

**EARLY SCARLET TURNIP WHITE TIPPED.** A fine variety for forcing or outdoor culture; roots are round, deep scarlet, shading to a white tip at the bottom.

**ICELE.** The finest of pure white, early sorts. Planted in Spring, this variety is ready for pulling in about three weeks. Long, slender, purest white. These Radishes are crisp and tender, both when young and later.

**WHITE STRASBURG.** Of handsome, oblong, tapering shape, both skin and flesh being pure white. The flesh is firm, brittle and tender, and retains its crispness even if old and large.

## Winter Varieties

**CALIFORNIA MAMMOTH WHITE CHINA.**  
**ROUND BLACK SPANISH.**

## Rhubarb

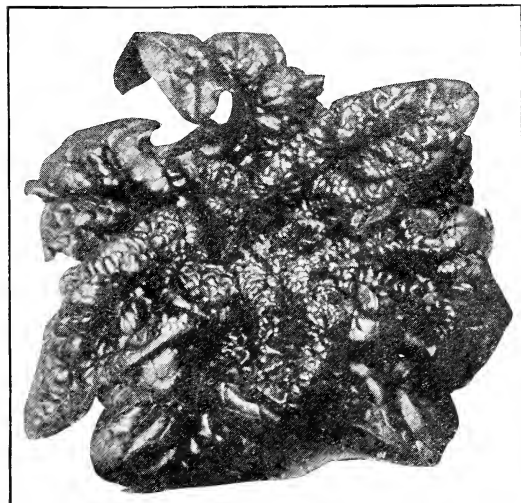
One ounce of seed will sow 75 feet of drill.  
**VICTORIA.** The best standard sort. Yields immense crops.

## Salsify - Vegetable Oyster

One ounce of seed will sow 60 feet of drill.  
Culture same as for parsnips. This is one of the most desirable Winter vegetables; the roots, when cooked, are very palatable and nutritious.  
**MAMMOTH SANDWICH ISLAND.**

## Sorrel

**LARGE FRENCH BROAD-LEAVED.** One of the best, having large, pale green leaves of mild, acid flavor; esteemed as a salad, also cooked as greens.



New Long-Standing Savoy-Leaved Spinach.

## Spinach

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows, 25 pounds if broadcast.

For a succession sow the seed in early April and again late in May in drills one foot apart and one inch deep, thinning out when plants are about 4 inches high. For the principal crop sow from first to middle of September, protecting crop with a light covering of straw or leaves.

### The Three Best Varieties of Spinach

**BLOOMSDALE, SAVOY-LEAVED.** First early. Best for Fall, but if sown very early in the Spring will produce a good crop. Produces large, glossy, dark green leaves, crumpled or blistered, very thick and of great substance. The most largely grown Spinach on the market. Has a tendency to bolt to seed in warm weather.

**NEW LONG-STANDING SAVOY-LEAVED.** Second early. A fine strain of outstanding merit. It will stand in marketable condition 10 to 14 days longer before bolting than regular Savoy and is darker green. The inferior early shooting male plants are entirely lacking. Wherever Bloomsdale is grown, this improved strain is satisfactory.

**JULIANA.** The best late Spring or Summer; grows close to the ground; dark green, crumpled leaves, keep fresh-looking and retain their crispness a long time after being cut—stands well.

### OTHER VARIETIES OF SPINACH

**KING OF DENMARK.** As early as any and will stand two weeks longer than any other variety before going to seed. Holds up well after being cut. Dark green and crumpled. Highly recommended.

**NEW ZEALAND.** This plant is really not a Spinach, but is used as such. It grows 1½ feet high and is very prolific. Grows well during hot Summer weather when the ordinary Spinach cannot be had.

**VICTORIA.** A low-growing variety, forming flat on the soil, a rosette of exceedingly thick, dark green, glazed, much crumpled leaves. Good for Spring or Fall sowing; stands for a long time before going to seed.

RADISHES:	Pkt.	Oz.	2 ozs.	4 ozs.	Lb.
Cincinnati Market .....	\$0.10	\$0.15	\$0.20	\$0.30	\$1.00
Crimson Giant .....	.10	.15	.20	.30	1.00
Early Scarlet Globe (Lohrman's Premium Strain)					
10-lb. cloth sacks with our seal attached .....	.75c	per lb.	in 10-lb. lots or over		
Early Scarlet Globe (regular stock) .....	.10	.15	.20	.30	.90
5 lbs., \$3.50; 10 lbs. or over at 60c per lb.					
Early Scarlet Turnip White Tipped .....	.10	.15	.20	.30	1.00
Icele .....	.10	.15	.20	.30	1.00
White Strasburg .....	.10	.15	.20	.30	1.00
Winter Varieties:					
California Mammoth White China .....	.10	.15	.20	.35	1.25
Round Black Spanish .....	.10	.15	.20	.35	1.25
RHUBARB:					
Victoria .....	.10	.15	.20	.35	1.25
SALSIFY:					
Mammoth Sandwich Island .....	.10	.20	.35	.65	2.25
SORREL:					
Large-Leaved French .....	.10	.20	.35	.65	2.25
SPINACH:	Pkt.	Oz.	¼ lb.	Lb.	5 lbs. 10 lbs. 25 lbs.
Bloomsdale or Savoy-Leaved .....	\$0.10	\$0.15	\$0.20	\$0.50	\$2.25 \$4.00 \$ 8.75
New Long-Standing .....	.10	.20	.25	.60	2.50 4.50 10.00
Juliana .....	.10	.20	.25	.60	2.50 4.50 10.00
King of Denmark .....	.10	.20	.25	.60	2.50 4.50 10.00
New Zealand .....	.10	.20	.25	.80	
Victoria .....	.10	.15	.20	.50	2.00 3.50 7.50

# Lohrman's Selected Squash

Early varieties, one ounce sufficient for 50 hills. Late varieties, one ounce for 20 hills; 4 to 6 pounds to the acre.

Before planting Squash in the open, the weather must be settled, the soil light and highly fertilized. Summer sorts should be planted from 4 to 6 feet apart each way in hills, pressing the seed down one inch deep. Late varieties require planting 8 feet apart, covering the seed 1½ inches deep. Nicotine Dust will keep off the destructive bugs.

## Summer Varieties

**ENGLISH VEGETABLE MARROW** (Running Variety). Produces a succession of Squashes throughout the Summer, ranging in size from 10 to 15 inches long by 4 to 6 inches thick. Skin greenish yellow to a creamy white; flesh white and of a very rich flavor.

**DES MOINES.** This is a small acorn-shaped dark green Squash, almost black, about 5 or 6 inches long and 4 inches in diameter. The running vines are vigorous and the ground is literally dotted with the dark colored Squashes, of fine quality. It makes excellent pies, can be cooked whole when young and keeps well.

**ITALIAN VEGETABLE MARROW** (Cocozele). A Summer Squash of compact bush form, oblong, 12 inches or more in length and 4 to 5 inches in diameter. Skin dark green with stripes of a still darker shade, and marbled with yellow. Should be eaten when half grown. Cooked like other Squash or fried like eggplant.

**MAMMOTH SUMMER CROOKNECK.** A well known and standard variety. Grows from 18 inches to 2 feet in length. The shell is hard and warted and of an attractive bright yellow color. The thick flesh is of good quality.

**MAMMOTH WHITE BUSH.** An early, round, flat Squash; color clear white; handsomely scalloped. Planted largely in every section of the country.

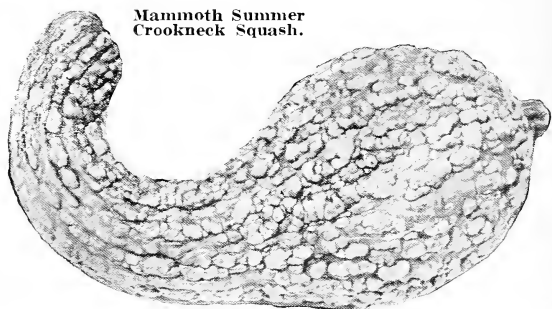
## Winter Varieties

**BLUE HUBBARD.** A very large Squash of the Hubbard shape, but the color is blue-gray. The shell is very hard and the Squash keep a long time.

**BOSTON MARROW.** An early Fall sort of oval form. Thin skin, and when ripe a light orange color. Good size and fine keeper.

**DELICIOUS.** For table use no Squash can compare with it. Sweet and exceedingly rich flavor.

Mammoth Summer Crookneck Squash.



**GOLDEN HUBBARD.** An early maturing variety, about one-third smaller than the Green-warted Hubbards. It has a reddish golden colored skin, with dry and fine grained flesh.

**LOHRMAN'S HUBBARD.** (See color plate on opposite page). This is a superior variety, and the best Winter Squash known. Flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored; keeps perfectly good throughout the Winter; boils or bakes exceedingly dry, and is esteemed by many to be as good baked as the sweet potato. We have taken the utmost pains with this sort and can recommend our stock as in all probability the best in the country, and think our customers can plant it with perfect confidence that every fruit will be a pure Hubbard.



Des Moines Squash.

# Pot, Sweet and Medicinal Herbs

These are indispensable for every home garden. For flavoring soups, meats, etc., for medicinal use (especially where there are children), some good herbs will be found most useful.



Dill.

All herbs thrive best in rich, mellow soil. Sow the seed early in Spring in shallow drills one foot apart, when the young plants are up 2 to 3 inches, thin out or transplant. Cut on a dry day, before coming into full bloom, tie in bunches and hang where they dry rapidly.

**BASIL, Sweet.** For flavoring soups, pickles, etc.

**BORAGE.** Grand as a salad mixed with lettuce. Flowers are excellent for bee pasture.

**CARAWAY.**

**DILL, Mammoth** (Anethum graveolens). An annual of aromatic odor and warm, pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making Dill pickles. Plant branching, 2 to 3 feet high; leaves very much cut into threadlike segments.

**FENNEL, Florence.**

**FENNEL, Sweet**

**LAVENDER.**

**MARJORAM, Sweet.**

**SAVORY, Summer.**

**SAGE.**

**THYME.**

**WORMWOOD.**

## SQUASH—Summer Varieties:

	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
English Vegetable Marrow	\$.10	\$.20	\$.30	\$.50	\$1.75
Des Moines	.10	.25	.40	.65	2.00
Italian Vegetable Marrow	.10	.20	.30	.50	1.75
Mammoth Summer Crookneck	.10	.15	.20	.30	1.00
Mammoth White Bush Scallop	.10	.15	.20	.35	1.25

## Winter Varieties:

Blue Hubbard	.10	.35	.60	1.00	3.25
Boston Marrow	.10	.15	.20	.30	1.00
Delicious	.10	.15	.20	.35	1.25
Golden Hubbard	.10	.15	.20	.30	1.00
Lohrman's Hubbard	.10	.15	.20	.35	1.25

## HERBS:

Basil, Sweet	.10	.20	.35	.65	
Borage	.10	.20	.35	.65	2.25
Caraway	.10	.15	.20	.30	1.00
Dill	.10	.15	.20	.30	1.00
Fennel, Florence	.10	.15	.20	.35	1.25
Fennel, Sweet	.10	.15	.20	.25	.85
Lavender	.10	.25	.45	.80	2.75
Marjoram, Sweet	.10	.30	.50	.90	3.25
Sage	.10	.25	.35	.90	2.75
Savory, Summer	.10	.20	.30	.50	1.75
Thyme	.10	.35	.60	1.00	3.50
Wormwood	.10	.45			

# *“What is so Lovely as the Rose?”*

Our Hardy Everblooming Hybrid Tea  
Roses planted now will bloom from June  
to October this year and each succeeding  
year / / /

All two-year old field grown bushes.  
75c each. \$7.50 per dozen.

---

MAKE YOUR YARD A GARDEN  
**LOHRMAN SEED CO.**

*Established over 35 years*

Macomb at Brush  
Near Gratiot

Phones { RANDOLPH 1271  
          { RANDOLPH 9241

**WE DELIVER**





THIS SIDE OF CARD IS FOR ADDRESS



D. N. SHOEMAKER,

U. S. DEPT. OF AGRICULTURE,

WASHINGTON, D. C.

# Tomatoes

One ounce will produce from 1000 to 2000 plants.

Our Tomato Seed is disinfected with SEMESAN to prevent seed-borne diseases. (See page 4).

Good plants can be grown where a frame is not available from early February on in the house in pots or boxes. Where a hotbed is handy, sow the seed, giving good bottom heat, in February to March, and when the plants are three inches high, transplant into other frames about 4 to 5 inches apart each way, or plant into boxes which can be placed in the frames.

## Three Outstanding Red Tomatoes for a Successive Crop

**EARLIANA.** For very early. Grown in Northern Michigan. Outclasses all of the ordinary strains of Earliana. The fruits are deep scarlet, almost perfectly round, very solid, with a very small core and few seeds. They mature very early and uniformly in prolific clusters near the center of the strong, vigorous vines.

**MARGLOBE.** For midseason. New and distinct. A hybrid from Marvel and Livingston's Globe. Entirely immune from rust and wilt. A pure scarlet, globe-shaped, with the size and fine qualities of Livingston's Globe but earlier and a heavier cropper. Valuable for canning and marketing.

**STONE.** For late or main crop. The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color. Our selected stock of Stone is much above the average.

### OTHER STANDARD VARIETIES

**BEAUTY.** A second early; large, smooth, purple-fruited variety of good quality.

**DWARF CHAMPION.** Very compact and dwarf, growing strong and treelike, so that the fruit is held up clear from the ground and does not require any stakes. Fruit purplish pink, round, smooth, and one of the best for quality and flavor. Is medium early.

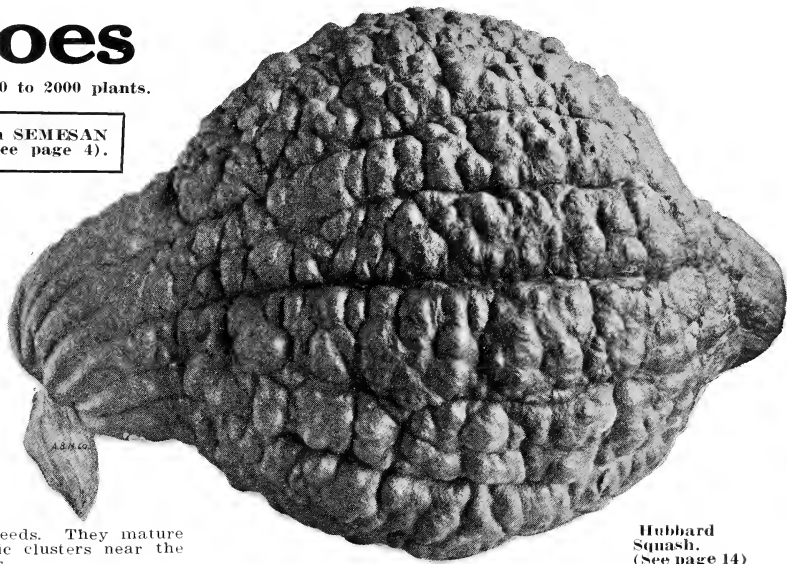
**EARLY DETROIT.** Largest and best formed of the early purple-fruited sorts. Vigorous and productive. Fruit is very smooth, uniform in size, firm, and excellent quality. One of the best shipping early varieties.

**EARLIANA.** Extra early and of excellent quality. Vines small but vigorous and productive. Fruit deep scarlet, medium to large, nearly round and exceptionally smooth.

**JOHN BAER.** A new variety that is claimed to equal Bonny Best. It sold well last year and our own crops proved excellent. We look for it to be a winner.

**LOHRMAN'S ACME.** The finest large fruited purple Tomato grown. Fruit continues of large size until the last, and is unexcelled for slicing or cooking.

**PONDEROSA.** The largest Tomato. Decidedly the home gardener's favorite. A very fine variety.



Hubbard Squash.  
(See page 14)

**TRUCKER'S FAVORITE.** A late variety, producing large, smooth, solid fruit of a purplish red color. It is quite prolific and resists blight to a remarkable degree.

## Turnips

One ounce will sow 200 feet of row; one pound will sow an acre in drills, 2 pounds broadcast.

For early use sow in hotbed during March. As soon as the ground can be worked, Turnips can be sown outdoors in drills 12 inches apart, thinning out later to 5 inches apart in the row. For succession sow at intervals of two weeks till well into August, from which time until the middle of September sowing should be made for later crops.

Turnips make excellent stock feed for Fall and Winter use. They are much liked by all stock and the feeding of Turnips or Rutabagas keeps them in good condition. We earnestly recommend farmers to sow turnips and Rutabagas for this purpose. We know it is profitable.

**EXTRA EARLY WHITE MILAN.** Fine for earliest crops. The clean, white roots are smooth, flat and symmetrical. Flesh white, tender, very sweet flavor.

**LONG WHITE COW HORN.** Used largely for stock feeding and breaking up clay soil; the long, round, white, carrot-shaped roots are usually slightly crooked.

**PURPLE TOP WHITE GLOBE.** One of the best of the Winter Turnips. The roots are attractive in color; globe-shaped, extra large and solid.

**SEVEN TOP.** Grown exclusively for the tops, which are used for greens.

**WHITE EGG.** Tops small, with distinctly cut leaves. Flesh pure white, very sweet, firm and mild.

## Rutabaga or Swede

Largely grown in the North for stock feeding, and for this are superior to turnips. Sow in June in drills 2 feet apart and thin out to 8 inches in the row.

**AMERICAN PURPLE TOP or YELLOW or IMPROVED LONG ISLAND.** A very popular and standard sort; has a short neck and a very small top; bulbs grow to very large size; flesh yellow, fine grained, best quality.

### RUTABAGA or SWEDE:

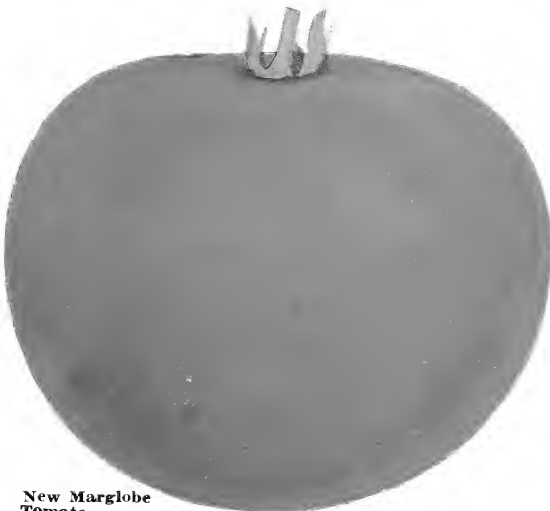
	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
American Purple Top	\$0.10	\$0.15	\$0.20	\$0.25	\$0.60

### TOMATOES:

Beauty	.10	.45	.80	1.20	4.00
Bonny Best	.10	.45	.80	1.20	4.00
Dwarf Champion	.10	.60	1.00	1.75	6.50
Early Detroit	.10	.50	.90	1.30	4.50
Earliana	.10	.55	1.00	1.40	5.00
John Baer	.10	.45	.80	1.20	4.00
Lohrman's Acme	.10	.45	.80	1.20	4.00
Marglobe (½ oz., 60c)	.10	1.00	1.85	3.30	12.00
Ponderosa	.10	.75	1.40	2.00	7.00
Stone	.10	.45	.80	1.20	4.00
Trucker's Favorite	.10	.55	1.00	1.40	5.00

### TURNIPS:

	Pkt.	Oz.	2 ozs.	¼ lb.	Lb.
Extra Early White Milan	\$0.10	\$0.15	\$0.20	\$0.30	\$1.00
Long White Cow Horn	.10	.15	.20	.30	.65
Purple Top White Globe	.10	.15	.20	.30	.65
Seven Top	.10	.15	.20	.30	.65
White Egg	.10	.15	.20	.25	.75



New Marglobe  
Tomato.

# Lohrman's Flower Seed Novelties, 1928



California Giant Asters.

## California Giant Asters

A new race of mammoth flowering Asters that is entirely new and distinct from all others. The plant grows to an enormous size when given good conditions and they are exceptionally robust, the stems being long, stiff and free from the little side flowers. The flowers are of an immense size with great long, broad petals, somewhat curled and twisted.

WHITE. Pkt., 25c.  
PEACH BLOSSOM. Pkt., 25c.  
LIGHT BLUE. Pkt., 25c.  
DEEP ROSE. Pkt., 25c.  
DARK PURPLE. Pkt., 25c.  
MIXED. Pkt., 25c.

## Butterfly Delphinium

This little known perennial, that well deserves more popularity, to commend it that we believe the only reason it is not more universally used is because

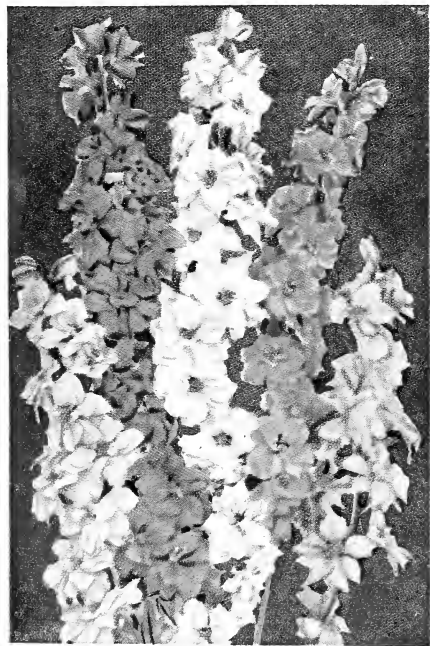
blooming the first year from seed is one of the old-fashioned flowers improved by culture. The long, slender spikes are very graceful, and are beautiful either in the border or as a cut flower. The wide range of intermediate shadings make them a delight. They thrive in almost any soil, but a sunny situation suits them best. Seed should be sown as soon as the weather becomes warm, in shallow drills. When well started, thin out to stand 8 inches apart. (See page 19).

BLUE. Pkt., 25c.  
WHITE. Pkt., 25c.

## Annual Larkspur (Stock-Flowered)

Annual Larkspur is one of the old-fashioned flowers improved by culture. The long, slender spikes are very graceful, and are beautiful either in the border or as a cut flower. The wide range of intermediate shadings make them a delight. They thrive in almost any soil, but a sunny situation suits them best. Seed should be sown as soon as the weather becomes warm, in shallow drills. When well started, thin out to stand 8 inches apart. (See page 19).

EXQUISITE. Pkt., 25c.



Annual Larkspur.

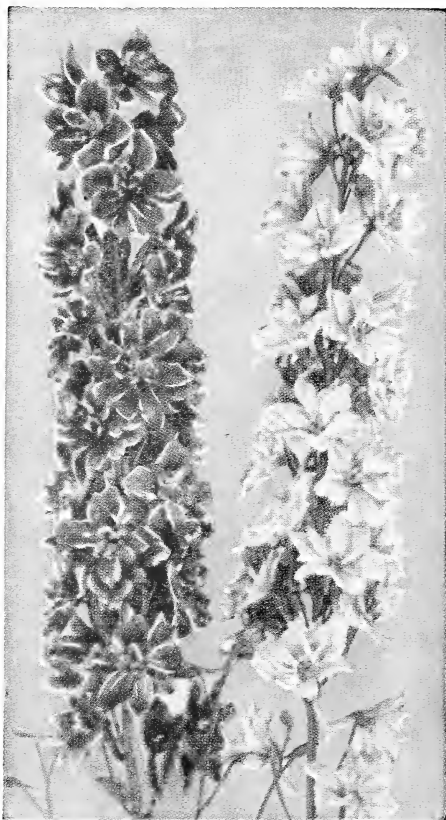
## California Giant Zinnias

A wonderfully fine strain of Zinnias that we consider the most satisfactory Zinnia grown. The flowers are uniformly of mammoth size and type and true to color. The flower is not as heavy as the dahlia-flowered, the petals being more loosely placed. The small centers and long, loose petals give the flowers a more graceful appearance. (See page 27).

ALL SEPARATE COLORS. Pkt., 25c.  
MIXED COLORS. Pkt., 25c.



Giant-Flowered Zinnia.



Butterfly Delphinium.

# Lohrman's Flower Seed Novelties for 1928

## Lohrman's Super-Giant Antirrhinum (ANTIRRHINUM MAJUS MAXIMUM)

This wonderful group of the newest creation in Giant Snapdragons far surpasses anything yet introduced. They grow 4 to 5 ft. high; in habit much taller than the Half-Dwarf group and with still larger flowers, closely placed on the stems. These come in a range of colors that are quite distinct. In vigor of growth, size, color and profusion of blossoms these Super-Giants are a wonderful improvement over the tall, large flowering strains previously grown.

**APPLEBLOSSOM.** Soft apple blossom-pink with yellow lip and pure white throat. Strong stems bearing magnificent flowers. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

**COPPER KING.** Velvety copper scarlet. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

**INDIAN SUMMER.** Velvety copper. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

**OLD GOLD.** Deep golden yellow, a very lovely shade. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

**PURPLE KING.** A deep glowing purple, very pleasing. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

**THE ROSE.** Clear deep rose-pink, very large individual, long flowers set closely on long spikes. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

**WALLFLOWER.** Very large, bronzy orange flowers shading to coppery red at the edges and to clear deep yellow in the throat. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

**MEDIUM LARGE FLOWERED TYPE.** Mixed, pkt., 10c; oz., 75c.

## Aquilegia

**MRS. SCOTT ELLIOTT'S STRAIN OF LONG-SPURRED HYBRIDS.** A very excellent mixture of Columbines, comprising new and pleasing shades and combinations, effective and striking in the individual flowers, in many shades of lavender, blue, mauve, white, yellow, orange, scarlet, and bright rose-pink. Pkt., 25c.

## Aster Sinensis Fl. Pl.

**OSTRICH-PLUME ASTER.** Coppery brown. This variety which differs distinctly from the terra cotta strain is of a wonderful and delicate rare color, which is of course difficult to describe. The first days of the anthesis the blossoms are of a silky coppery brown and change later on to a kind of vermilion-brownish color. The older petals are decorated with whitish tips. It is of high value especially for cutting. Pkt., 25c.

## Calendula

**BALL'S NEW GOLDEN.** Color deep golden yellow, suffused with orange. Flowers extra large and long stems. A very fine variety and one we can recommend. Pkt., 25c.

## Coreopsis, Double-Flowering

**COREOPSIS LANCEOLATA GRANDIFLORA FL. PL.** Coreopsis Lanceolata has for a long time been a gem in the perennial border and one never grows tired of the masses of golden yellow blooms which it produces, which are decorative in the garden and invaluable as cut flowers. This new double and semi-double form is just as easy to grow and the extra petalage adds a further charm to the flower. Pkt., 25c.

## Cosmos, Early Double

This type of Cosmos has real double flowers about 1½ inches in diameter, resembling an anemone-flowered chrysanthemum. The plants grow to a height of about 4 feet, forming a perfect bush, massed with bloom. They come about 65 per cent double from seed and bloom in 70 days from the day seed is sown, so that seed sown the latter part of April will be in bloom by July 4, and continue until frost. White, pink, crimson, mixed. Pkt., 25c. See page 20.

## Dahlia

**COLTNESS HYBRIDS IMPROVED.** A new type of Dahlia being more dwarf and compact in habit and in the various colors such as white, pink, yellow, purple, mauve and crimson. Pkt., 25c. See page 20.

## Dianthus

**ALLWOODI.** A new race of hardy plants belonging to the Dianthus family. It makes an ideal pot plant. The flowers are about 75 per cent double and appear in all colors except yellow. The single flowers are quite as handsome as the double and have the advantage of making larger clusters. It is exceptionally hardy, commencing to flower in early Spring and continuing through Summer and Fall. Mixed colors. Blooms first year from seed. Pkt., 25c. See page 30.

## Gaillardia Grandiflora

**DAZZLER.** Large flowers up to 5 inches across, bright golden yellow with rich maroon-red center. Fine for cutting. Pkt., 25c. See page 30.

## Gerbera

**JAMESONI HYBRIDS.** They are half hardy perennials. The daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers. They are easily grown from seed and will commence flowering the first year. The colors include a wilderness of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet. Pkt., 25c. See page 21.

## Gilia

**TRICOLOR.** Flowers pale lilac, yellow toward the center, with purple spots, growing to a height of 7 to 10 inches. Pkt., 25c. See page 21.

## Hollyhock

**DOUBLE, "Imperator".** The flowers of this new strain are 5½ to 6½ inches across, consisting of wide outer petals elegantly frilled and deeply fringed, in the center of which appears a very double rosette about 2 inches across, the whole suggesting a crested Begonia on a giant scale. The coloring includes various tints of great beauty, such as cerise-salmon with center of cream reflecting rose; delicate pink with center of rose flushed yellow; light yellow flushed rose with canary yellow center. Pkt., 25c. See page 30.

## Pansy

**STEELE'S MIRACLE MIXED MASTODON PANSY.** A super-mixture of all the finest types and latest novelties, including ruffled flowers, sunburst Pansies, smoky rims, and henna shades. Oregon-raised Pansy Seed has rapidly come to the front, and we take pleasure in offering this latest production described as above by the originator himself. Pkt., 25c. See page 23.

## Petunias

**PINK GLORY.** This new flame-rose petunia is slightly ruffled and the plant which grows about 15 inches in height is continually covered with blooms. Pkt., 25c. See page 23.

**PINK TRIUMPH.** Large flowers, beautifully ruffled, of a clear, bright pink with golden throat. A fine petunia for bedding and a free bloomer. Pkt., 25c. See page 23.

## Scabiosa - Mourning Bride

Two outstanding, very large flowering sorts that should be included in all gardens where high grade cut flowers are appreciated.

**PEACH BLOSSOM.** A beautiful peach-blossom pink. Very large, perfect blooms on long stems. The finest color in Scabiosas. Pkt., 25c. See page 25.

**SHASTA.** A pure white of enormous size for a Scabiosa. The flowers measure 3 to 3½ inches across, with extremely long stems. Pkt., 25c. See page 25.

## Stock

(GIANT IMPERIAL)

**ANTIQUE COPPER.** Rich hellebore red overlaid with copper, the whole giving a very pleasing reddish antique copper effect. The strain is very double with individual florets 2 inches in diameter on long stems. Pkt., 25c. See page 25.

## Sweet Peas

**PINKIE.** A large deep rose pink. A vigorous grower; a continuous cropper and with outstandingly long stout stems. The flowers are nicely waved and well placed on the stems. Pkt., 25c. See page 26.

**SUNKIST.** The ground color is a clear rich cream with a soft pink edging that is clearly and cleanly defined, making a most handsome flower. The flowers are large and bold, well waved and beautifully placed on good stout stems. Pkt., 25c. See page 26.

**HERO.** The color of this Sweet Pea is what might be called a brilliant clear cerise. It is more than that because in sunshine or artificial light it appears to be suffused richly with salmon. The flowers are nicely waved and well placed on long stems. Pkt., 25c. See page 26.

## Verbena Hybrida Grandiflora

**ETNA.** Large trusses of intense geranium red with a small creamy yellow eye. The individual florets are over 1 inch in diameter. Pkt., 25c. See page 27.

## Viola

**JERSEY GEM.** Shaped like a Violet, but larger. The deep blue blooms, on 8 to 10-inch stems, are delightfully fragrant. Is a perennial but blooms the first year from early sown seed and flowers continuously from May until hard frost. Pkt., 25c. See page 31.

# Lohrman's Annual Flower Seeds

(Perennial Flower Seeds, Pages 28-31)

## A LITTLE BOOK OF ANNUALS

A. C. Hottes, \$1.50

### Acroclinium

A pretty Everlasting bearing graceful, daisy-like flowers, pretty, bright rose with yellow center, which, when cut in the bud state can be dried and used for Winter bouquets. 3 feet.

DOUBLE MIXED. Pkt., 10c; oz., 60c.

### Adonis

AESTIVALIS. Deep green foliage and dark crimson flowers; annual. June. 1 ft. Pkt., 10c; oz., 40c.

### Ageratum

There is no finer flower available for bedding work or borders. The little bushy plants only 4 or 5 inches high are covered with dainty daisy-like flowers that keep their bright colors through rain and drought. Raised easily from seed sown outdoors in May or can be started indoors earlier and transplanted in May. 4 or 5 inches.

DWARF WHITE. Extra fine. Pkt., 10c; oz., 60c.

DWARF BLUE. Extra quality. Pkt., 10c; oz., 60c.

### Alyssum

SWEET. Pretty plants for beds, vases, baskets, edging or rockwork; will bloom all Summer. Can be grown very readily either outdoors or indoors. White. Pkt., 10c; oz., 30c.

LITTLE GEM. Very dwarf and compact, and very free flowering; fine for bedding. White. Pkt., 10c; oz., 60c.

### Amaranthus

CAUDATUS (Love-Lies-Bleeding). Long drooping crimson racemes; height, 3 feet. Fine for borders of tall plants, or in center of large beds. Pkt., 10c; oz., 25c.

TRICOLOR (Joseph's Coat). Leaves red, yellow and green. Pkt., 10c; oz., 50c.

### Arctotis - African Daisy

GRANDIS. Bushy annual plants, producing the entire season, on long stems, large daisy-like flowers, pure white on the upper surface, the reverse side of petals lilac-blue. 2 ft. Pkt., 10c; oz., 60c.

### Argemone

GRANDIFLORA (The Prickly Poppy). 2 ft. Lovely plants with an ornamental foliage and large, handsome poppy-like flowers, snowy white, filled in the center with golden stamens, very beautiful. Pkt., 10c; oz., 60c.

### Ammobium

ALATUM GRANDIFLORUM. 2½ ft. This pretty white Everlasting should be in every garden. Grows well in sandy soil. Pkt., 10c; oz., 40c.

### Antirrhinum - Snapdragon

Snapdragons have become very popular within the past few years. They make a fine display in the garden and they are very useful for table decorations when cut.

MEDIUM LARGE FLOWERED TYPE MIXED. Pkt., 10c; oz., 75c.

Scarlet. Pkt., 10c; oz., \$1.00.

Yellow. Pkt., 10c; oz., \$1.00.

Pure White. Pkt., 10c; oz., \$1.00.

Rose. Pkt., 10c; oz., \$1.00.

LOHRMAN'S SUPER-GIANT SNAPDRAGONS (Antirrhinum Majus Maximum). These Snapdragons far surpass anything yet introduced. They grow 4 to 5 feet high, much taller than the Half-Dwarf group and with still larger flowers. In vigor of growth, size, color and profusion of blossoms these Super-Giants are a wonderful improvement.

Appleblossom. Soft apple-blossom-pink with yellow lip and pure white throat. Strong stems bearing magnificent flowers.

Old Gold. Deep golden yellow, a very lovely shade.

Purple King. A deep glowing purple, very pleasing.

The Rose. Clear deep rose pink, very large individual, long flowers set closely on long spikes.

Wallflower. Very large, bronzy orange flowers shading to coppery-red at the edges and to clear deep yellow in the throat.

Copper King. Velvety copper scarlet.

Indian Summer. Velvety copper.

Each pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.00.

### Asters

GIANT OSTRICH FEATHER. Midseason. 16 inches. The finest type of the Giant Comet or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut flowers par excellence. White, soft pink, lavender, crimson, dark blue, mixed. Pkt., 10c; oz., \$1.50.

ROYAL ASTERS. Early. 16 inches. Of all the large, fine Asters none can beat this truly magnificent class. The plants are strong growers and produce an abundance of large flowers on long, strong stems, and keep a long time. White, crimson, rose, lavender, purple, mixed. Pkt., 10c; oz., \$1.50.

NEW CALIFORNIA GIANT BRANCHING ASTERS. Midseason. A splendid new midseason to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers. Plants grow 3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed curled and interlaced flowers 5 inches and over across. We offer the following colors. White, peach blossom, light blue, deep rose, dark purple, and mixed. Pkt., 25c; oz., \$3.00.

SEMPLE'S BRANCHING. Late. This special strain is American grown and is especially adapted to our climate. Long stems, very large flowers, very useful for bedding and one from which results can be obtained. White, flesh, pink, crimson, lavender, purple, mixed. Pkt., 10c; oz., \$1.00.

HEART OF FRANCE ASTER. The flowers are large and full to the center; opens ruby red, deepening with age. Plants are of branching type; flower stems long. Per pkt., 10c; oz., \$2.00.

### Asparagus

Asparagus possesses the advantage of being more graceful and its foliage finer than that of the most delicate Fern. As a house plant it will thrive under practically all conditions. The Asparagus likes a good, rich soil and fairly warm temperature.

PLUMOSUS NANUS. Very useful for bouquets; also makes a good house plant. Pkt., 10c; \$1.00 per 100 seeds.

SPRENGER. Elegant variety for hanging baskets. Pkt., 10c; 50c per 100 seeds.

### Balloon Vine - Love-in-a-Puff

A rapid growing climber; annual. Pkt., 10c; oz., 25c.

### Begonia

SEMPERFLORENS, MIXED. A boon for shady places. One of the few gorgeously tinted flowers which will thrive and make glorious the dark and shady corners. Pkt., 25c; oz., \$3.50.

### Balsam - Lady Slipper

One of the oldest known and favorite garden flowers. Anybody can grow it. It is of such easy culture. Succeeds best in rich soil. Double Camellia-flowered. 1½ feet. Pkt., 10c; oz., 75c.

### Brachycome - Swan River Daisy

A free-flowering, dwarf-growing annual; covered during the greater part of the Summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture. 12 inches. Mixed. Pkt., 10c; oz., \$1.25.

Fertilize Flower Beds with  
Sheep Manure

### Cacalia

Each flower is a miniature paint brush of orange-scarlet produced on long wiry stems which make it an excellent cut flower. An old but little known annual for the border; worth trying. 2 ft.

**TASSEL FLOWER** or **FLORA'S PAINT BRUSH**. Scarlet and orange mixed. Pkt., 10c; oz., \$1.00.

### Calceolaria

**HYBRIDA GRANDIFLORA** (Pouchflower). 1½ feet. The gorgeous beauty of these flowers renders them indispensable for greenhouse decoration. It is not of easy culture, but a very desirable flower. Bears a large profusion of small, pocket-shaped flowers, many of which are beautifully tigered or spotted. Fine mixed, pkt., 25c.

### Calendula - Pot Marigold

One of the best and showiest free flowering hardy annuals, growing in any good garden soil. Of late it has been very much improved, and the varieties we offer are the best that can be obtained. 1 ft.

**BALL'S NEW GOLDEN** (Florists' Strain). A new variety developed especially for florists' use. The very pleasing shade is intermediate between lemon and orange and the flowers are large and double with long stems. Mixed Double. Pkt., 25c; oz., \$2.00.

**PRINCE OF ORANGE**. Large, double, orange, much like Meteor, only darker. Pkt., 10c; oz., 35c.

**METEOR**. Large, double yellow with orange stripes, striking for cut bloom. Pkt., 10c; oz., 35c.

**ORANGE KING**. Very large flowers, dark orange-red. Pkt., 10c; oz., 35c.

**ORANGE KING**. Extra select florist strain. Pkt., 10c; oz., 75c.

**LEMON QUEEN**. Very large and double; lemon-yellow. Pkt., 10c; oz., 35c.

**MIXED, ALL COLORS**. For woodlands, wild gardens and perennial borders. Pkt., 10c; oz., 35c.

**BALL'S STRAIN**. Bright, glowing orange; large and double. Pkt., 10c; oz., \$1.50.

### Calliopsis

**CRIMSON KING**. Splendid; dwarf; rich velvety crimson-garnet. Nice for house plants. 10 inches. Pkt., 10c; oz., 50c.

**GOLDEN WAVE**. Rich golden yellow; chestnut-brown center. Height, 1 foot. Pkt., 10c; oz., 50c.

**TINCTORIA MIXED**. A very hardy and easily grown annual, producing an abundance of brilliantly colored single ray flowers with dark center. The flowers, which are about one and one-half inches across, vary from clear yellow to deep rich brown, the two colors often being beautifully contrasted in the same blossom. Height of plants, 2 to 3 ft. Pkt., 10c; oz., 30c.

### Canary Bird Vine

A splendid rapid annual climber, the small canary colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 10c; oz., 35c.

### Canna - Indian Shot

Although these are generally planted from roots, they may be grown with comparative ease from seed. Scrape or file the edge of seed and soak in warm water until they show signs of swelling, then sow in sandy loam and place in a hotbed.

**CROZY'S DWARF MIXED**. From the finest sorts. Pkt., 10c; oz., 40c.

### Candytuft - Iberis Umbellata

Candytuft is one of the most prized garden annuals. Easily grown from seed and does not need transplanting. Fine for cut flowers. Flesh pink, crimson, lavender, purple, pkt., 10c; oz., 35c; ¼ lb., \$1.25. Mixed colors, pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**GIANT HYACINTH-FLOWERED**. Immense spikes of pure white flowers. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

### Carnations

Carnations are a great favorite with most people who take pride in their old-fashioned gardens. They have the most beautiful colors and are easily raised from seed the first year.

**CHABAUD'S GIANT DOUBLE**. Yellow, white, pink and red. Pkt., 10c; oz., \$3.00. Mixed, pkt., 10c; oz., \$2.00.

**MARGUERITE FINEST MIXED**. The plants of this wonderfully fine strain may be made to bloom in four months. Flowers large, double, deeply fringed, very fragrant and appear in very attractive shades of color. Especially desirable for bedding as an annual and for cutting. Pkt., 10c; oz., \$1.50.



Calendula.

### Centaurea

**GYMNOCARPA**. Leaves fern-like and a trifle taller than Candidissima. Pkt., 10c; oz., \$1.00.

**CANDIDISSIMA**. Thick white leaves grown for foliage and used for edging. Pkt., 10c; oz., \$2.25.

### Centaurea Cyanus

(CORNFLOWER or BACHELOR'S BUTTON)

Also known as Blue Bottle, Ragged Sailor, Bluet, etc.; an old favorite garden annual; excellent for cutting. 2 ft.

**DOUBLE BLUE**. Splendid for cutting. Select florist strain. Pkt., 10c; oz., 50c.

**DOUBLE ROSE**. Splendid for cutting. Pkt., 10c; oz., 50c.

**DEEP RED**. Splendid for cutting. Pkt., 10c; oz., 50c.

**DOUBLE MIXED**. Splendid for cutting. Pkt., 10c; oz., 30c.

**SINGLE BLUE**. Splendid for cutting. Pkt., 10c; oz., 40c.

**SINGLE CHOICE MIXED**. Splendid for cutting. Pkt., 10c; oz., 30c.

### Centaurea Imperialis

(GIANT CORNFLOWER or SWEET SULTAN)

The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful, sweet-scented flowers borne on long stems, 2 to 3 ft. White, lavender, rose, purple, and mixed. Pkt., 10c; oz., \$1.00.

### Silene - Catchfly

**ARMERIA MIXED**. A very showy early-flowering hardy annual, bearing in quantity, heads of beautiful white, pink and red flowers. Pkt., 10c; oz., 50c.

### Chrysanthemums

Summer blooming; beautifully colored daisy-like flowers; fine for cutting. Wonderful improvements have been made in this old garden favorite.

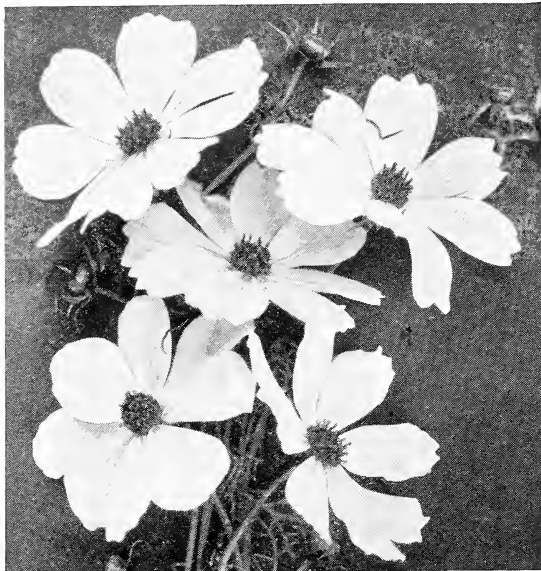
**CORONARIUM**. Double mixed, pkt., 10c; oz., 35c. Single mixed, pkt., 10c; oz., 40c.

**EARLY FLOWERING DOUBLE AND SEMI-DOUBLE MIXED**. A new perennial variety, which can also be treated as an annual, blooming the first year from seed. The flowers are of many colors and shades. Pkt., 10c; oz., 75c.

### Cineraria

**HYBRIDA**. Choice mixed. Large flowering. Pkt., 25c; ¼ oz., \$3.00.

**MARITIMA CANDIDISSIMA**. Silvery green, lacinated foliage; good for edging. Pkt., 10c; oz., \$1.50.



Early Flowering Mammoth Cosmos.

### Clarkia

A very easily grown annual, which has been much improved in recent years. The varieties which are listed below are the best that can be obtained. They do well in either sun or shade. White, scarlet, salmon, and double mixed. Pkt., 10c; oz., 75c. Single, pkt., 10c; oz., 50c.

### Annual Climbers

BALLOON VINE. Pkt., 10c.  
CANARY BIRD VINE. Pkt., 10c.  
CARDINAL CLIMBER. Pkt., 10c.  
COBAEA SCANDENS. Pkt., 10c.  
CONVOLVULUS MAJOR. Mixed. Pkt., 10c.  
CYPRESS VINE. Mixed. Pkt., 10c.  
DOLICHOS. Mixed. Pkt., 10c.  
GOURDS. Mixed. Pkt., 10c.  
HUMULUS JAPONICUS. Pkt., 10c.  
IPOMOEA. All varieties. Pkt., 10c.  
TALL NASTURTIUMS. Mixed. Pkt., 10c.  
WILD CUCUMBER. Pkt., 10c.

### Cleome

PUNGENS (Spider Plant). 5 ft. A showy garden annual producing curious heads of flowers of bright rose color; of easy cultivation, blooming until late; a good bee plant. Pkt., 10c; oz., 60c.

### Cockscomb - Celosia

A free blooming, half-hardy annual. The flowers of some are shaped like a cock's comb; others have plumed heads of brilliant orange and scarlet. All can be cut for dried Winter bouquets. The dwarf sorts are fine for borders, the others make good bedding plants.

CRISTATA. Combs of mixed shades of red. Pkt., 10c; oz., \$1.00.

CRISTATA, GLASGOW PRIZE. Dark crimson. Comb shape. Pkt., 10c; oz., \$3.00.

PLUMOSA, TALL MIXED (Feathered Cockscomb). Bright red and yellow plumes. Pkt., 10c; oz., \$1.00.

CHILDSI (Chinese Woolflower). Plants grow 2½ feet high and produce a large number of ball-shaped scarlet flowers, resembling silky wool. Pkt., 10c; oz., \$2.00.

### Cobaea

A rapid growing climber with beautiful dark green foliage, bearing on graceful stems, large, bell-shaped flowers, green at first but rapidly changing to a beautiful deep violet-blue. Sow seed edgewise.

SCANDENS. Violet blue. Large, bell-shaped. Pkt., 10c; oz., 50c.

SCANDENS ALBA. Pure white. Pkt., 10c; oz., \$1.50.

### Coleus

Ornamental foliage plants of the most varied colorings, resembling the rainbow in gorgeousness.

MIXED HYBRIDS. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$4.50.

## Convolvulus Major - Morning Glory

A beautiful annual climber; one of the most rapidly growing climbers in cultivation, thriving in almost any situation. Mixed. All colors. Pkt., 10c; oz., 15c; lb., 75c.

## Cosmos

Grace and brilliancy are the characteristics of these beautiful flowers. They resemble single Dahlias with their broad petals surrounding a golden heart, borne on long stems.

EARLY FLOWERING MAMMOTH COSMOS. Immense blooms. White, pink, crimson, mixed. Pkt., 10c; oz., 75c.

DOUBLE CRESTED or ANEMONE-FLOWERED. Mixed. white, pink, crimson. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$5.00.

## Cyclamen

We are specialists in Cyclamen for florists, and can supply at all times any of the named sorts, including the Rococo types. Prices on application. Pkt. 10 seeds, 25c.

## Cypress Vine

Everyone is acquainted with this old-time favorite climbing vine. The beautiful fernlike leaves and star-shaped flowers make it a very desirable Fern for all purposes. Mixed. Pkt., 10c; oz., 40c.

## Cynoglossum

AMABILE (Chinese Forget-Me-Not). A lovely plant 18 to 24 inches tall with flowers of a true Forget-Me-Not Blue. May be grown either outside or under glass. Make wonderful cut flowers. Pkt., 10c; oz., \$1.00.

## Dahlias

One of the best Summer and Autumn flowering plants, and now enjoying a wide popularity. They will bloom the first year if sown early. Double mixed. Pkt., 10c; oz., \$2.00.

DAHLIA "COLTNESS HYBRIDS" IMPROVED. In our offering of these new "Hybrids" our customers will find a great advance on the type already offered, this type being dwarf and more compact in habit and the colors more select ranging from deep crimson to white and include the delicate pinks, roses and yellows, mauves and the various shades of scarlets and purples. Pkt., 25c.

## Datura - Angel's Trumpet

Handsome plants for subtropical bedding in Summer, having large trumpet-shaped fragrant flowers. They should be given a light soil and a sunny, sheltered position. Make fine pot plants for the greenhouse. 3 feet.

WRIGHTI. Pure white at the center shaded into lilac and blue; magnificent large single flowers. In warm latitudes can be continued as a perennial. Pkt., 10c; oz., 50c.

## Dianthus or Pinks

The Dianthus are better known as Chinese Pinks and are always used in old-fashioned gardens. Blooms the first year, also the second year if protected through the Winter.

ALLWOODI. New perpetual-flowering Hardy Pinks. Our supply of seed of this beautiful strain of Hardy Pinks, comes to us direct from the introducer, a noted English specialist. It is expected that the seed will produce an average of 75 per cent double deliciously clove-scented flowers in many colors. They are perfectly hardy, and flower continuously from Spring until late in the Autumn. Pkt., 25c.

### ANNUAL

SINGLE JAPAN PINKS. Finest selected single-flowered. Pkt., 10c; oz., 75c.

DOUBLE CHINESE or INDIA PINKS. Flowers very double and of many bright colors. Pkt., 10c; oz., 75c.

## Dictamnus - Gas Plant

The seed of these is very slow to germinate.

FRAXINELLA. 3 feet. June-July. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple-veined flowers, excellent for cutting. Pkt., 10c; ¼ oz., \$1.00.

ALBUS. 3 feet. June-July. Spikes of attractive pure white sweet-scented flowers. Perennial. Pkt., 10c; ¼ oz., \$1.00.

## Didiscus - Blue Lace Flower

An interesting annual, which blooms from July to November. The pale lavender blossoms are excellent for cutting. 18 inches high. Pkt., 10c; oz., \$2.00.

### Dimorphotheca (African Golden Daisy)

**AURANTIACA.** A fine showy Daisy from South Africa. Color rich, glossy orange-gold, with dark center. Sow seed in Spring and transplant to sunny position. They will bloom the greater part of the Summer. Pkt., 10c; oz., \$1.00.

### Dolichos - Hyacinth Bean

A rapid growing annual climber. Blooms freely in clusters, which are followed by ornamental seed pods. All colors mixed. Pkt., 10c; oz., 25c.

### Dracaena

**INDIVISA.** Beautiful long green leaves, useful for baskets, porch boxes or tubs. Pkt., 10c; oz., 75c.

### Eschscholtzia (California Poppy)

Very brilliant flowers, produced in great numbers. They may be sown in Spring, although Fall sowing will give better results. Mixed. Pkt., 10c; oz., 35c.

### Eupatorium

A splendid native plant, growing two feet high. Immense heads of purplish pink flowers; fine for naturalizing along streams and ponds, and for planting among shrubbery.

**COELESTINUM.** Lavender flowers. Pkt., 10c; oz., \$2.00.

### Euphorbia - Snow-on-the-Mountain

Showy border plant, easily grown. Beautiful foliage. Edged and veined with white. Annual.

**VARIEGATED.** Pkt., 10c; oz., 75c.

### Gaillardia - Blanket Flower

Showy border plants producing flowers from July to September. A continual supply of richly colored flowers ranging from clear yellow to glowing scarlet-red. Extra fine for cutting.

**PICTA.** Annual. Mixed. Pkt., 10c; oz., 40c.

### Geranium

These grow readily from seed the first year and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of thus securing something new. 1 to 2 feet.

**ZONEAL VARIETIES.** Saved from a choice collection. Pkt., 10c; oz., \$3.00.

### Gerbera - Transvaal Daisy

**JAMESONI HYBRIDS.** They are half-hardy perennials, usually grown as greenhouse or window plants. The daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers, as they are of wonderful lasting quality. They are easily grown from seed and will commence flowering the first year, although old plants will produce the greater abundance of bloom. The colors include pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet. Pkt. (25 seeds), 25c.

### Gilia

**TRICOLOR** (Bird's Eyes). 7 inches to 1 foot high. Flowers pale lilac, yellow toward the center, with five purple spots. Charming combination of colors. Pkt., 10c; oz., 50c.

### Globe Amaranth - Gomphrena

**GLOBOSA.** A first rate bedding plant. The flowers resemble clover heads and can be dried and used in Winter bouquets. Mixed. Pkt., 10c; oz., 50c.

### Godetia

Hardy annual, about one foot high, of compact growth, bearing a profusion of beautiful cup-shaped flowers. Colors deep red, pink and white. Fine mixed. Pkt., 10c; oz., 75c.

### Gourds

(Both Useful and Ornamental)

Rapid growing, interesting annual climbing plants, with ornamental foliage and curious shaped fruit. Excellent for a screen around the back porch, as they are remarkably free from insects. Height 10 to 20 feet.

**MIXED.** All sorts. Pkt., 10c; oz., 40c.

### Gypsophila - Baby's Breath

An elegant border plant, the light graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers.

**ELEGANS.** Pure white. Annual. Pkt., 10c; oz., 25c; 2 ozs., 45c; 4 ozs., 75c.

**CARMINEA.** A beautiful pink variety. Pkt., 10c; oz., 50c; 2 ozs., 90c; 4 ozs., \$1.60.



Gaillardia.

### Heliopsis

(Orange Sunflower)

Similar in general habit to Helianthus, but commencing to flower earlier in the season. July and August.

**ZINNIAEFLORA.** Pkt., 10c; oz., \$1.25.

### Helichrysum

**MONSTROSUM FL. PL.** This is one of the best Strawflowers, and when dried it is very useful for table decoration in Winter. Very large, double flowers, and a fine assortment of colors. Mixed. Pkt., 10c; oz., 50c.

### Heliotrope

Very fragrant blue and white flowers; splendid for pots and gardens. Mixed. Pkt., 10c; oz., \$2.00.

### Hollyhocks (Annual)

The perennial varieties flower only the second year if grown from seed, these annual kinds, however, bloom the first year, and if sown in the open ground in May, they will be in flower in August, but if started indoors and set out in May, they will bloom in July.

5 feet.  
**ANNUAL SINGLE.** Pkt., 10c; oz., 50c.  
**ANNUAL SEMI-DOUBLE.** Pkt., 10c; oz., \$1.00.

### Ipomoea

**GRANDIFLORA** (Moonflower). A rapid growing annual climber. At night and during very dull days the plants are covered with beautiful white blossoms; very fragrant. White. Pkt., 10c; oz., 50c.

**RUBRA COERULEA.** Blue. Pkt., 10c; oz., \$1.00.  
**QUAMOCLIT HYBRID** (The Cardinal Climber). Pkt., 10c; oz., \$3.00.

**IMPERIAL JAPANESE MORNING GLORIES.** Pkt., 10c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c.

### Job's Tears - Coix

The beads or tears pearly white to lead color. Pkt., 10c; oz., 15c; lb., 75c.

### Kochia - Summer Cypress

An annual of easy culture, three feet high, with beautiful foliage which will turn from green to a deep rich red in the Autumn. Pkt., 10c; oz., 40c.

### Kudzu Vine

**JACK-AND-THE-BEAN-STALK VINE.** A very rapidly growing vine; foliage dense. Fine for covering arbors and porches. Pkt., 10c; oz., 50c.

### Lantana

One of the most desirable half-hardy greenhouse or bedding plants, which bloom constantly. The flowers are borne in verberna-like heads of orange, white, rose, etc. Mixed colors. Pkt., 10c; oz., 75c.

### Larkspur - Annual Stock Flowered

These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. Sow seed in the open border either in early Spring or late Fall so germination may take place very early in the Spring.

**DARK BLUE.** Pkt., 10c; oz., 50c.

**LUSTROUS CARMINE or NEWPORT PINK.** Pkt., 10c; oz., 50c.

**SKY BLUE.** Pkt., 10c; oz., 50c.

**EXQUISITE.** Soft rose-pink. Pkt., 25c; oz., \$1.00.

**PURE WHITE.** Pkt., 10c; oz., 50c.

**MIXED.** Pkt., 10c; oz., 50c.

### Lavatera - Annual Mallow

**TRIMESTRIS GRANDIFLORA ROSEA.** A very beautiful annual, growing about two feet high and bearing cup-shaped, pink flowers the entire season. Pkt., 10c; oz., 75c.

### Linaria - Kenilworth Ivy

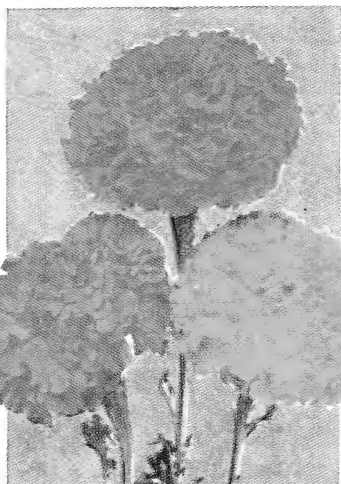
Very pretty hardy evergreen creepers, well adapted for growing in pots or for covering walks or crevices.

**CYMBALARIA.** Pkt., 10c; oz., \$2.50.

### Linum - Flax

Erect growing plants with showy flowers which open in the sunshine. Blooms continuously and of easy culture in full sun.

**GRANDIFLORUM RUBRUM** (Scarlet Flax). A fine hardy annual with brilliant scarlet-crimson flowers. Pkt., 10c; oz., 50c.



Marigold.

### Marvel of Peru - Four O'clock

One of the old favorite annuals; an old-fashioned plant of bushy growth. The flowers, which are produced in clusters, open in the afternoon and wither in the morning. All colors mixed. Pkt., 10c; oz., 25c; 2 ozs., 40c; 4 ozs., 75c.

### Marigold

In late Summer, when many bedding plants are past their prime, Marigolds afford a wealth of color that is simply invaluable. The African varieties produce large, self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some being elegantly striped and spotted. The Single French and the Dwarf Single French hold the chief place in this class.

#### DWARF FRENCH MARIGOLDS

Few annuals are as effective in beds and borders as the French Marigolds or bloom for as long a period; they form compact bushes, 12 inches high.

**FRENCH MIXED.** Double flowers of yellow, orange, cream, brown and old gold in a splendid mixture. Pkt., 10c; oz., 75c.

**GOLD STRIPED.** Very double, golden yellow flowers, each petal striped with rich mahogany-red. Pkt., 10c; oz., 75c.

**LEGION OF HONOR** (Little Brownie). A charming single-flowering Marigold forming dense, compact bushes about 9 inches high. They begin to bloom in June and continue until frost. The flowers are golden yellow, marked with a blotch of velvety crimson at the base of each petal. Pkt., 10c; oz., 75c.

#### DOUBLE AFRICAN MARIGOLDS

**ORANGE BALL.** Large, double quilled flowers of a rich, deep orange color; most popular of all the Marigolds. Grows 3 feet high. Pkt., 10c; oz., \$1.00.

**LEMON BALL.** Like Orange Ball except in color, which is a soft lemon-yellow. Pkt., 10c; oz., \$1.00.

**DOUBLE AFRICAN MIXED.** Orange and yellow mixed. Pkt., 10c; oz., 75c.

### Mignonette

The sweet yet delicate odor of the Mignonette has endeared itself to every true lover of flowers. Seed of this splendid annual sown early in the garden will give flowers all through the Summer and Fall.

**ALLEN'S DELICANCE.** This gorgeous Mignonette is deliciously sweet-scented, a quality no other large-flowering variety has. The individual florets are of immense size, forming a graceful as well as compact spike 12 to 15 inches long. Pkt., 10c; oz., 75c.

**SWEET.** The familiar and popular Sweet Mignonette. Pkt., 10c; oz., 25c.

### Mimulus

Showy, profuse-flowering plants; fine for greenhouse or moist, shady situations; half-hardy perennials, blooming the first year from seed if sown early.

**MUSCHATUS** (Musk Plant). Fine for hanging baskets, etc.; small yellow flowers, musk scented foliage. 1 foot. Pkt., 25c; ¼ oz., \$1.50.

**TIGRINUS** (Monkey Flower). Fine mixed spotted varieties. Pkt., 10c; oz., \$3.00.

### Mimosa

**PUDICA** (Sensitive Plant). 1 foot. Curious and interesting, pinkish white flowers; leaves droop when touched or shaken. Pkt., 10c; oz., 60c.

### Momordica

Very curious climbing vine, with ornamental foliage, fruit golden yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, stumps, rock work, etc. Annual. 10 feet.

**BALSAMINA** (Balsam Apple). Round apple-shaped fruit, very fine, glossy green foliage. This is the prettiest climber of the two. Pkt., 10c.

### Lobelia

The dwarf, compact varieties are used for edging, while the trailing sorts are used for hanging baskets, porch boxes, etc.

**CRYSTAL PALACE COMPACTA.** Rich deep blue, dwarf-growing variety; the best for edging. Pkt., 10c; ¼ oz., 60c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

**BLUE EMPEROR** (Delphinium Imperiale). Finest double mixed, very elegant candelabra habit, with short branches. Pkt., 10c; ¼ oz., 60c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

**GRACILIS.** Trailing variety for hanging baskets. Light blue. Pkt., 10c; ¼ oz., 35c; ¼ oz., 50c; ½ oz., 75c; oz., \$1.00.

**CARDINALIS.** Handsome border plant, crimson-scarlet flowers. Hardy perennials. Pkt., 10c; ¼ oz., \$3.00; ½ oz., \$5.00.

### Lupines

The Lupines may be classed among the most beautiful of hardy garden flowers. A Lupine border makes a picture once seen not soon forgotten, and maintains a floral display from May to September.

**TALL ANNUAL.** All colors mixed. Pkt., 10c; oz., 30c.



Nasturtiums.

### Myosotis

#### (FORGET-ME-NOT)

They are considered among the best Spring flowers and grouped with pansies and daisies the most lovely combinations may be obtained. The tall varieties are of trailing habit and adapted to covering large patches, which they transform into a sea of blue. Flourish in shady, moist situations.

**INDIGO BLUE.** Pkt., 10c; ¼ oz., 35c; ½ oz., 50c; ¾ oz., 75c; oz., \$1.25.

**ALPESTRIS.** Light blue. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; oz., \$1.25.

**ALPESTRIS ROSEA.** Pink. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; ¾ oz., \$1.00; oz., \$1.50.

### Nasturtiums

#### TALL or CLIMBING NASTURTIIUMS

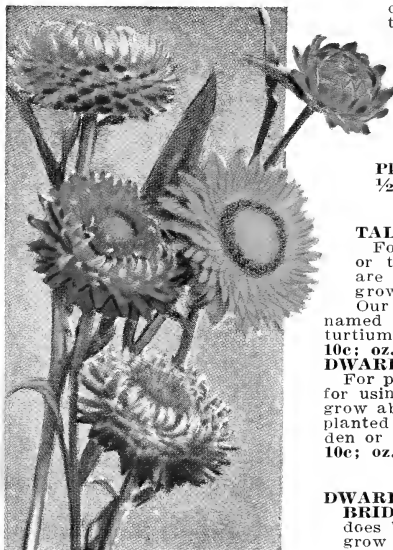
For verandas, trellises, walls, fences, or trailing along the ground. They are easy to raise and make a thick growth. Flowers are fine for bouquets. Our mixture is made up by us from named varieties of the finest Tall Nasturtiums, all flowers of good colors. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

#### DWARF or BEDDING NASTURTIIUMS

For planting in a bed in the garden, or for using as an edging or border. They grow about 1 foot high and are beautiful planted in a row along the edge of garden or lawn. Make fine cut flowers. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

### Nemesia

**DWARF LARGE-FLOWERING HYBRIDS.** A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Pkt., 10c; oz., \$5.00.

Helichrysum—Strawflower.  
(See page 21).

**Nicotiana Affinis - Tobacco Plant**

The tubular, fragrant flowers open morning and evening, and are very attractive for border or beds. The plant attains a height of 3 feet. Pure white. Pkt., 10c; oz., 50c.

**Nigella**

(LOVE-IN-A-MIST or  
DEVIL-IN-THE-BUSH)

**DAMASCENA.** A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed. 18 inches. Pkt., 10c; oz., 35c.

**Lohrman's Pansies**

August-sown seed produces large plants, which flower freely the following Spring. Sow in open ground early in August, setting to permanent location in September. Place about 3 inches of dry leaves, loose straw, or soft hay over the plants the last of November. This will afford good protection and make splendid early-flowering plants. Seed sown early in Spring will produce flowers in late Summer.

**GIANT TRIMARDEAU.** Years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. Mixed. Pkt., 10c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00; 4 ozs., \$6.50; lb., \$22.00.

**LOHRMAN'S MAMMOTH EXHIBITION.** Very large flowers of exceptionally fine form and substance, usually ruffled and beautifully veined and blotched in all the finer and deeper shades and colors found in Pansies. Pkt., 10c; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$4.50; 4 ozs., \$15.00; lb., \$50.00.

**STEELE'S GREENHOUSE MIXTURE.** A giant strain which for size of bloom, heavy texture and varied shades and colors, with their distinct markings, cannot be excelled. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.25; oz., \$6.00; 4 ozs., \$21.00; lb., \$75.00.



Steele's Miracle Mixed Mastodon Pansies.

**STEELE'S MIRACLE MIXED MASTODON PANSY.** A superb mixture of all the finest types and latest novelties, including ruffled flowers, sunburst Pansies, smoky rims, and henna shades. Oregon-raised Pansy seed has rapidly come to the front, and we take pleasure in offering this latest production described as above by the originator himself. Pkt., 25c; ¼ oz., \$1.50; ½ oz., \$2.75; ¾ oz., \$5.25; oz., \$10.00; ¼ lb., \$34.00.

**Phlox Drummondii**

The annual Phlox make a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. They are very easily raised and afford a bright display of flowers all through the Summer. Sow seed in the open ground in the Spring. A sunny position is best. Mixed, pkt., 10c; oz., \$2.25.

**Petunias**

For freedom of bloom, variety of color and effectiveness these have no equal. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole Summer.

**SINGLE BEDDING PETUNIAS**

**SPECIAL MIXTURE.** Large, single flowers, blotched and striped in all the Petunia colors. Fine for bedding. Blooms a few weeks after planting and continues to bloom profusely until frost. Pkt., 10c; oz., \$1.50.

**ROSY MORN.** Soft carmine-pink with white throat. Makes a dainty and effective border and is very beautiful when used in window boxes, garden urns and baskets. Blooms profusely all Summer. Pkt., 10c; oz., \$2.75.

**BALCONY PETUNIAS**

A splendid large and free flowering type for window boxes, vases, hanging baskets, etc., the flowers average 3 inches across and make a very effective display over a long season.

**MIXED.** Pkt., 10c; oz., \$3.00.

**DOUBLE LARGE-FLOWERING VARIETIES**

**MIXTURE OF DOUBLE PETUNIAS.** This is a mixture of the best large-flowering and fringed, double Petunias. Seed is saved from plants grown in pots, carefully pollenized and will produce grand flowers. Of course, every one knows only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large, single flowers. The weaker seedlings should be carefully saved, as those invariably produce the finest double flowers. Pkt., 50c.

**GIANTS OF CALIFORNIA PETUNIAS**

**LARGE-FLOWERING SINGLE FRINGED MIXED.** A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter; remarkable variety of color. Pkt., 25c; 1/16 oz., \$2.50; ¼ oz., \$4.00; ½ oz., \$7.50.

**LARGE SINGLE-FLOWERING VARIETIES**

The flowers of this type average 3 to 4 inches in diameter.  
**PINK GLORY.** The color is pure flame-rose-pink. The flowers are slightly ruffled. The plants grow compact to a height of 12 to 15 inches and are continually covered with flowers. Pkt., 25c; 1/16 oz., \$3.50; ¼ oz., \$6.50; ½ oz., \$12.00.

**TRIUMPH PINK.** Large flowers, beautifully ruffled, of a clear, bright pink with golden throat. A fine bedder and a free bloomer. Pkt., 25c; 1/16 oz., \$9.00; ¼ oz., \$16.00.



Single Bedding Petunias.

## Poppies

Few flowers have the same grace of stem, airiness of poise, and delicacy of tissue as the Poppy. For beds and borders, with a background of green, there is nothing finer. A sandy loam suits Poppies best, and as their strong tap roots are difficult to transplant, the seed should be sown where the plants are to bloom. Sow thinly, cover very lightly, and thin the plants to stand a foot apart.

**CARNATION-FLOWERED.** Large, ball-shaped, double flowers, with beautifully fringed petals. In a variety of shades, many striped. Pkt., 10c; oz., 25c.

**FLANDERS POPPY.** Vivid scarlet-red. This flower has in the minds of men been associated for over two hundred years with the battlefields of Flanders. Was the first official flower of the American Legion. Pkt., 10c; oz., 50c.

**SHIRLEY.** The flowers are immense, often 4 inches across, the petals are ruffled and crinkled and in the sunlight appear like ruffled satin. The plants are well branched, about 12 inches high, and bloom in continuous succession for weeks. Mixed. Pkt., 10c; oz., 50c.

## Portulaca

### ROSE MOSS

This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing, mix the seed with dry sand to insure an

*Salvia  
Splendens.*

thoroughly warmed

even distribution. Sow in May when the ground is through, and very soon one of the loveliest of floral carpets will appear. Sow between stepping stones.

**SINGLE MIXED.** Pkt., 10c; oz., \$1.00.

**DOUBLE MIXED.** Pkt., 10c; oz., \$3.00.

## Primula - Primrose

The charming and beautiful Chinese Fringed Primrose and Obconica varieties are indispensable for Winter or Spring decorations in the home or conservatory. They are one of the most important Winter blooming pot plants. Sow in March, April or May. After sowing the seed, only the thinnest covering of sifted soil is needed.

**CHINENSIS.** Pkt., 25c.

**OBCONICA.** Pkt., 25c.

**VERIS** (English Cowslip). A mixture comprising the various shades of red and yellow; a splendid plant for the Spring blooming garden. Perennial. Pkt., 25c; oz., \$4.00.

**VULGARIS** (English Primrose). Canary-yellow; fragrant. Pkt., 25c; oz., \$4.00.

## Ricinus - Castor Oil Bean

Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of cannas, dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting Castor Beans in the borders.

**SANGUINEUS.** Pkt., 10c; oz., 25c.

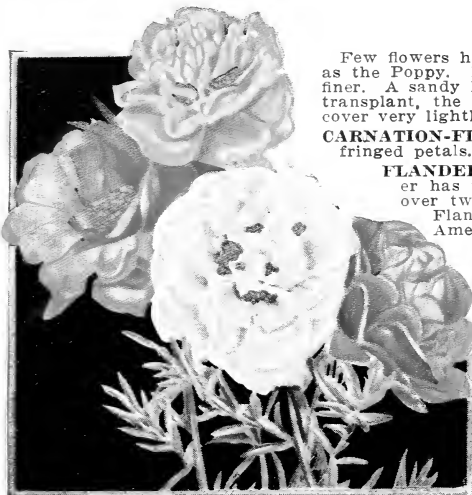
**ZANZIBARENSIS.** Pkt., 10c; oz., 25c.

**MIXED.** Pkt., 10c; oz., 25c.

## Perennial Flower Seeds and Plants, Pages 28-31

California  
Poppies.

Shirley  
Poppies.

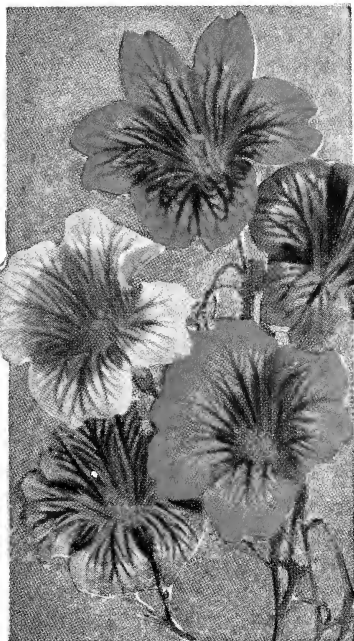


Portulaca, Double.

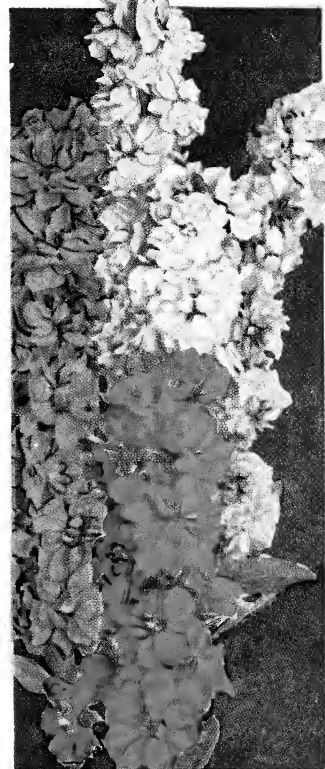


**Salpiglossis - Painted Tongue**

The blossoms are tube-shaped much like a Petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower to our knowledge possessing this odd characteristic. Pkt., 10c; oz., \$1.00.



Salpiglossis.



Stocks.

**Salvia - Scarlet Sage**

Salvias make a striking display, with their long, brilliant flower spikes rising above the green foliage. They bloom continuously from early Summer until frost, from seeds sown in March or April, in shallow boxes or pots in the greenhouse or frame. When plants are large enough, transplant singly into small pots, and set out when all danger of frost is past.

**AMERICA or GLOBE OF FIRE.** This is the freest and most continuous bloomer; also the most uniform in habit of growth, which makes it particularly valuable for bedding or planting in lines. Pkt., 10c; ¼ oz., \$1.25; ½ oz., \$2.00; ¾ oz., \$3.50; oz., \$6.00.

**BONFIRE.** Compact very bushy plants about 2 feet in height, densely covered with large, brilliant scarlet flowers on long spikes; blooms very early. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; ¾ oz., \$2.00; oz., \$3.50.

**SPLENDENS (Scarlet Sage).** Well known bedding plants carrying long flaming flower spikes making a fine display until frost. 3 feet. Pkt., 10c; ¼ oz., 45c; ½ oz., 75c; ¾ oz., \$1.35; oz., \$2.50.

**Schizanthus - Butterfly Or Fringe Flower**

Beautiful plant for garden in Summer and for house culture in Winter. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. Most satisfactory for cutting. Mixed. Pkt., 10c; oz., 50c.



Schizanthus.

**Scabiosa - Pin Cushion Flower**

Very free-flowering ornamental plants. One of the best and most satisfactory for cutting, the blossoms being borne on tall, erect stems, in a great variety of colors from white to almost black. No garden can afford to be without them.

**AZURE FAIRY (Lavender), YELLOW, ROSE, LILAC, RED, BLACK, MIXED.** Pkt., 10c; oz., 50c.

**SHASTA (White), PEACH BLOSSOM (Pink).** Pkt., 25c; ½ oz., \$1.25; oz., \$2.00.

**Statice - Sea Lavender**

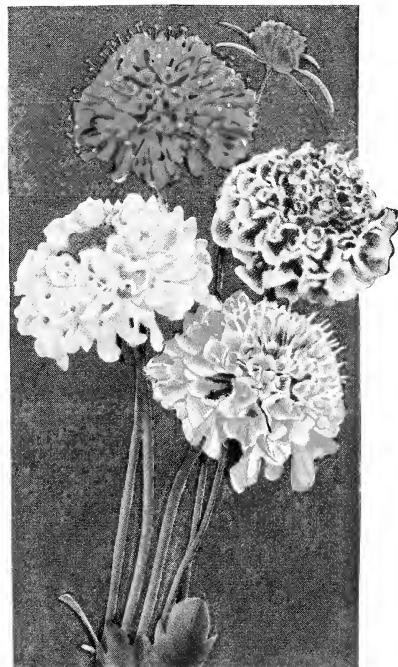
(ANNUAL)

Our annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, which are rare among everlasting, and have come to be indispensable in making Winter bouquets. Pkt., 10c; oz., 35c.

**Stocks**

**DWARF LARGE-FLOWERING TEN WEEKS.** The Stocks represent all the desirable qualities of a flower. The plants have good habit, fine dull or glossy leaves. The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades. Pkt., 10c; oz., \$2.00.

**CUT-AND-COME-AGAIN.** Splendid perpetual bloomers, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers. Red, yellow, white, lilac, rose and deep rose. Pkt., 10c; oz., \$3.00.



Scabiosa.

**GIANT IMPERIAL, Antique Copper.** Double, rich hellebore red, overlaid with copper, the whole giving a very pleasing reddish antique copper effect. Pkt., 25c; 1/16 oz., \$1.00; ¼ oz., \$1.75; ½ oz., \$3.00; ¾ oz., \$5.50; oz., \$10.00.

**Semesan Prevents Damping Off**

## Sunflower

We have in this class plants of very stately growth with immense, gaudy flowers, fine for wild gardens, along fences or garden walls.

**DOUBLE CHRYSANTHEMUM-FLOWERED.** Rich golden yellow flowers, perfectly double, resembling a chrysanthemum or dahlia. 7 feet. Pkt., 10c; oz., 30c.

**STELLA.** Differs from the type by its larger and better formed flowers of the purest golden yellow, with black disc. 4 feet. Pkt., 10c; oz., 30c.

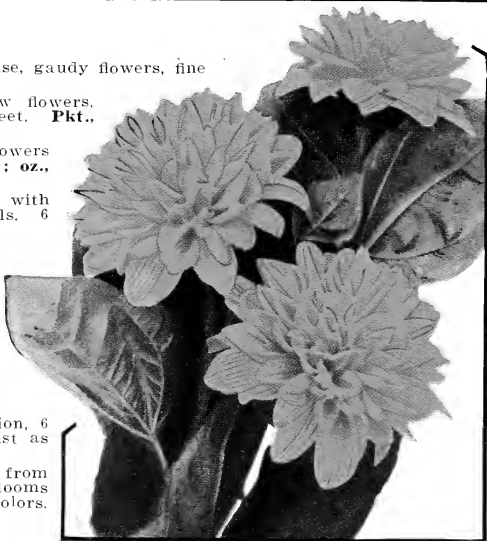
**RED SUNFLOWER.** Dark-centered brilliant flowers, banded with bright chestnut-red, merging to yellow at the tips of the petals. 6 feet. Pkt., 10c; oz., 30c.

## Sweet Peas

The skill of the hybridizer has wrought marvelously in the development of this beautiful flower, so that today we have strongly marked self colors, delicate shadings of most entrancing beauty, and delightful striped and variegated effects. This range of color, combined with the exquisite beauty of form of the flowers, and the gracefulness of the stems and tendrils makes this the most popular of all our annual flowers. Height 5 to 7 feet.

Drill in rows 5 inches deep; cover 2 inches deep. As vines grow, gradually fill trench with soil, and thin to 5 inches apart. For early flowers sow in beginning of November, in a dry situation, 6 or 8 inches deep, giving level culture. Make Spring sowings just as soon as ground can be prepared.

**CHOICE MIXED.** This mixture has been most carefully grown from our selected stock seed and it will afford a splendid variety of blooms of improved forms and in the widest possible range of desirable colors. Pkt., 10c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.00.



Double Chrysanthemum-Flowered Sunflower.

## Spencer or Orchid Sweet Peas

Spencer Sweet Peas are distinguished from the Grandiflora sorts by the enormous flowers with crinkled and wavy petals, and also from the fact that they usually bear four blossoms on a stem. The plants are of robust growth and bear the flowers on long stems.

### THE THREE NEW SPENCER SWEET PEAS FOR 1928

**PINKIE.** A large deep rose-pink; a vigorous grower, a continuous cropper and with outstandingly long, stout stems. The flowers are nicely waved and well placed on the stems. Pkt., 25c.

**SUNKIST.** The ground color is a clear rich cream with a soft pink edging that is clearly and cleanly defined, making a most handsome flower. The flowers are large and bold, well waved and beautifully placed on good, stout stems. Pkt., 25c.

**HERO.** The color of this Sweet Pea is what might be called a brilliant clear cerise. It is more than that, because in sunshine or artificial light it appears to be suffused richly with salmon. The flowers are nicely waved and well placed on long stems. Pkt., 25c.

### OTHER VARIETIES OF SPENCER SWEET PEAS

**BARBARA.** Salmon.

**BLUE MONARCH.** Finest deep navy-blue.

**DOBBIE'S CREAM.** Primrose.

**ELFRIDA PEARSON.** Light pink.

**FLORENCE NIGHTINGALE.** Lavender.

**KING EDWARD SPENCER.** Crimson-scarlet.

**KING WHITE.** Pure white.

**MARGARET ATLEE.** Rich pink.

**MARGARET MADISON.** Azure-blue.

**MARY PICKFORD.** Dainty cream-pink, suffused salmon. Pkt., 10c; oz., 50c.

**PRESIDENT HARDING.** Peach-red; a new shade.

**WARRIOR.** The best pure deep maroon. Large flowers.

**ROYAL PURPLE.** Rich royal purple. The color deepens as the flower ages. The best purple.

**SUPERFINE MIXED.**

Price, all sorts, unless otherwise noted, pkt., 10c;

oz., 25c; ¼ lb., 90c; lb., \$3.00.

## Thunbergia - Black-Eyed Susan

Beautiful, rapid growing annual climbers preferring a warm, sunny situation; used extensively in hanging baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes. Mixed colors. 4 feet. Pkt., 10c; oz., \$1.50.

## Tagetes

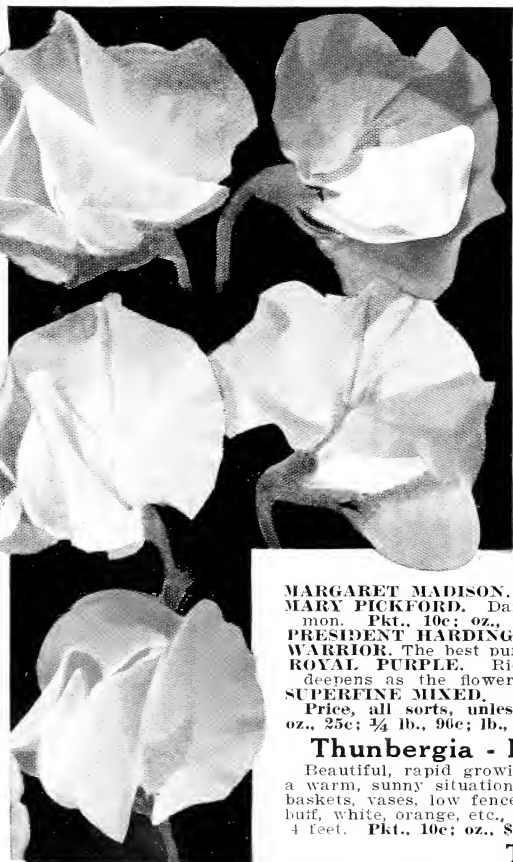
**SIGNATA PUMILA.** A dwarf, compact, bushy annual Marigold, with beautiful, fernlike leaves, densely covered with flowers of bright golden yellow; first class border plant. Pkt., 10c; oz., \$2.25.

## Vinca - Periwinkle

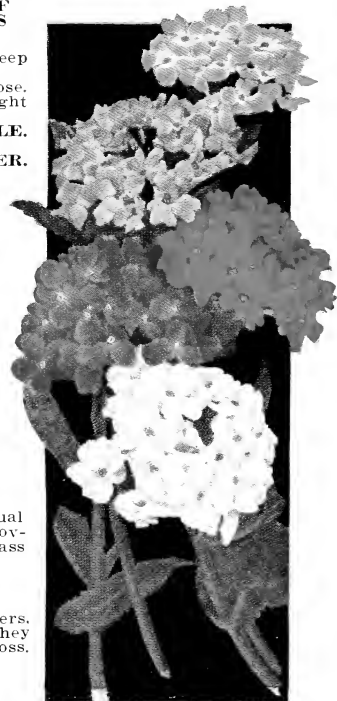
These are very bright annuals with dark glossy green leaves and large, showy flowers, and should be included in every garden. The compact plants grow 15 inches tall. They are excellent for beds, borders and window boxes. The flowers measure 1½ inches across. White, rose and mixed. Pkt., 10c; oz., \$1.50.

## Wild Cucumber

One of the fastest growing vines, useful for covering old tree stumps, fences and buildings. Pkt., 10c; oz., 25c.



Spencer Sweet Peas.



Verbena.

## Verbena

One of the easiest grown annuals. For constant and profuse flowering, and for brilliancy and beauty of coloring, it has no equal. Start seed early under glass, if possible, that good strong plants may be had for transplanting. Bloom from early June until severe frost.

**HYBRIDA GRANDIFLORA, ETNA.** The large trusses of this new Verbena are of an intense geranium-red with a small creamy yellow eye. The individual florets are over one inch in diameter. **Pkt., 25c.**

**MAMMOTH.** White, pink, scarlet, blue and mixed. **Pkt., 10c; oz., \$1.50.**

**LEMON VERBENA, ALOYSIA CITRIODORA.** **Pkt., 10c; oz., \$2.50.**

## Xeranthemum - Everlasting

**ANNUUM.** An abundance of pretty bright rose, purple and white flowers. Showy and useful as dried flowers in Winter bouquets. Blooms from early Summer till frost. 3 feet. Mixed. **Pkt., 10c; oz., 75c.**

# Zinnias

One of the most popular and most extensively used of all hardy annuals. The following list comprises very choice varieties of the most brilliant colors. Requires but little attention; will grow in any good garden soil.

**CALIFORNIA GIANTS.** A wonderfully fine strain of Zinnias that we consider the most satisfactory Zinnia grown. The flowers are uniformly of mammoth size and type and true to color. The flower is not as heavy as the dahlia-flowered, the petals being more loosely placed. The small centers and long, loose petals give the flowers a more graceful appearance.

**Cerise Queen.** Beautiful cerise-rose.

**Lemon Queen.** The finest yellow Zinnia. The flowers are of immense size and a most pleasing shade of bright lemon-yellow color.

**Orange King.** A beautiful shade of orange, the same as the Orange King Calendula, and the mammoth flowers are borne in great profusion on tall stems.

**Purity.** A new mammoth-flowering white that is an especially good clear white, quite free from the greenish tint.

**Rose Queen.** A new pink Zinnia of immense size and fine form. The flower opens first as a bright rose with a deep rose-red center and then gradually develops into a warm, deep rose when in full bloom.

**Scarlet Gem.** Vivid scarlet flowers that are fairly dazzling in the sunlight. They are of fine form and texture.

**Miss Willmott.** An unusual shade of soft pink found only in this variety.

**Separate Colors, all, pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.**

**Special Variety Mixture.** Here is a wonderful mixture of our own, made up from different colors of Giant Zinnias including the varieties named above. This is a mixture that far surpasses the usual Mixed Zinnias, both in color and quality, and only good fresh seed is used. **Pkt., 25c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.**

**DAHLIA-FLOWERED.** This new giant-flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative dahlia. The flowers, although not so brilliant in color as those of the older types, are many of them in exquisite shades of rose, lavender and old gold. The plants are strong and vigorous growing, and produce an abundance of blooms throughout the Summer and early Fall.

**Buttercup.** An immense, deep creamy yellow. A very desirable flower, which should be included in every collection.

**Crimson Monarch.** Rich crimson. By far the largest and best of red shades.

**Dream.** A fine, deep lavender, turning to purple (mallow purple) a new, desirable shade in Zinnias.

**Exquisite.** By far the most pleasing of our collection. Truly dahlia-flowered as regards form and size. Color light rose with center a deep rose. (Tyrian rose).

**Meteor.** A rich, glowing deep red (Spinel red) and the darkest of all the red shades. Fine form.

**Oriole.** We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.



Zinnias,  
California  
Giants.

**Polar Bear.** A very large pure white, the best white yet seen in Zinnias. True dahlia form.

**Purple Prince.** A fine deep purple of fine form.

**Separate Colors, all, pkt., 10c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.**

**Special Mixture.** A well blended mixture containing the above novelties. Mixed. **Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.**

**DOUBLE GIANTS.** An improved strain with enormous flowers. Burnt orange, purple, deep flesh, scarlet, golden yellow, canary, mixed. **Pkt., 10c; oz., \$1.50.**

**CRESTED AND CURLED.** The flowers are large, the petals being twisted and curled into most graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnias. **Pkt., 10c; oz., \$1.00.**

**GIANT PICOTEE.** A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations. All colors from white to scarlet, mixed.

**VICTORY MIXED.** Quilled type. The petals are partially tubular or quilled giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors mostly of the warmer shades, such as salmon, old rose, deep rose, lilac, bronze and dark red tones. **Pkt., 10c; oz., \$1.50.**

**Lohrman's Land Lime Sweetens  
Sour Soil**

# Hardy Perennial Flowers

## Hardy Perennial Flowers Planted Now Will Bring You Pleasure for Several Years

Hardy Perennial Plants are those whose roots will live over Winter in the garden and send up new growth for flowering again the next year. Many of them, if left undisturbed, will do this for several years in succession, while some others do not persist as long. Although several varieties can be grown only from root divisions, many of them can be raised from seed, some quite easily and some only with a great deal of care and difficulty. However, most varieties can be successfully grown from either seed or plants. For this reason you will find that, for some varieties, we offer only plants, and in others we offer both seed and plants.

Hardy perennials are probably the most interesting class of plants. There is such a variety of types, colors, heights, etc.; and the fact that they will live over from one year to the next, makes them especially desirable for decorating the home grounds. They lend themselves so completely and so easily to making a joyful garden, that a well laid-out planting will be a source of pleasure for years to come.

Early in the season we supply perennial plants field grown, in dormant condition. After April 15th plants we supply are growing in 2½-inch pots.

## Raising Perennials From Seed

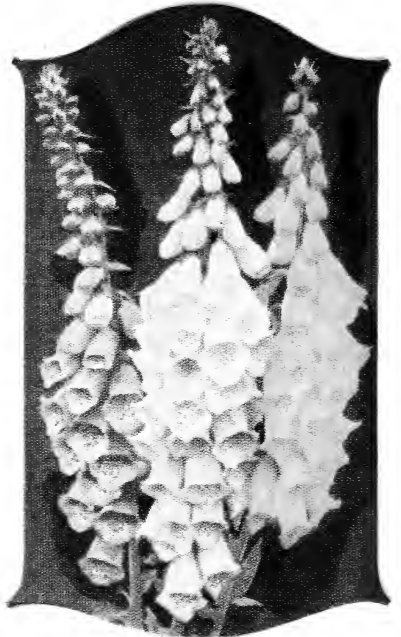
If you are really interested in Hardy Perennials, there is a great deal of pleasure and satisfaction to be derived from raising your own perennial plants from seed. To a real flower-lover it is well worth the effort.

One advantage to be derived from this method is that many varieties do better from seed sown where the plants are to remain and be left undisturbed. This is true of Hardy Pinks, Sweet William, Hollyhocks, Canterbury Bells, and in fact, all such plants as have a single tap-root and their crowns above the ground.

A LITTLE BOOK OF PERENNIALS. A. C. Hottes. \$1.50.



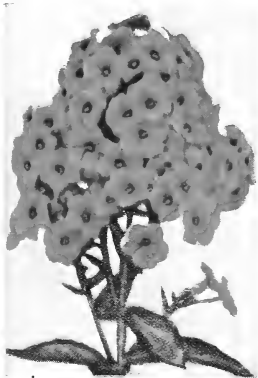
Hardy Delphiniums—Vanderbilt's Hybrids.  
(See page 29).



Digitalis—Foxglove. (See page 30).



Oriental Poppies. (See page 31).



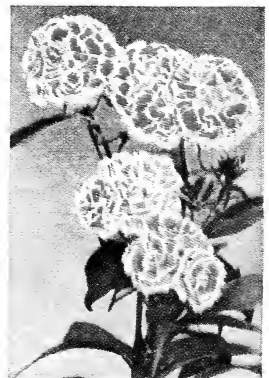
Hardy Phlox.  
(See page 31).



Shasta Daisies.  
(See page 31).



Gaillardia.  
(See page 30).



Sweet William.  
(See page 31).

**Achillea**

**PTARMICA, "THE PEARL."** One of the best hardy perennials, large heads of pure white, double flowers, will bloom the first season if sown early. Pkt., 10c; oz., \$5.00. Plants, 25c each; \$2.50 per doz.

**MILLEFOLIUM ROSEUM.** Finely cut deep green foliage, flowers pink in dense heads, 18 inches high, and flowers all Summer. Perennial. Pkt., 25c.

**Aconitum - Monkshood**

A hardy perennial, growing in any good garden soil, producing long spikes of curiously shaped blue flowers. Well adapted for planting among shrubbery. Pkt., 25c; oz., \$4.00. Plants, 25c each; \$2.50 per doz.

**Agrostemma - Mullein Pink**

**CORONARIA.** A very hardy perennial, easy to grow, beautiful crimson flowers shaped like a single pink, and silvery white foliage. Blooms first year. Pkt., 10c; oz., 75c. Plants, 25c each; \$2.50 per doz.

**Alyssum**

**SAXATILE COMPACTUM** (Basket of Gold). A beautiful yellow perennial. Good, compact habit; very free bloomer. Pkt., 10c; oz., \$1.00. Plants, 25c each; \$2.50 per doz.

**Anemone - Windflower**

**CORONARIA.** A very fine perennial, enormous, with great variety of striking colors. Sow seed outdoors in Spring and keep shaded until plants appear. Mixed colors. Pkt., 10c; oz., \$1.25.

**Anchusa**

**ITALICA, DROPMORE VARIETY.** One of the best hardy perennials; lovely gentian-blue, great improvement on the old variety. Pkt., 10c; oz., \$1.50. Plants, 25c each; \$2.50 per doz.

**Anthemis**

**HARDY MARGUERITE.** Heavy-scented plants, with many-flowered heads of golden centered flowers. Because of their continuous profuse blooming, throughout the Summer, they are very desirable. Pkt., 10c; oz., \$1.25. Plants, 25c each; \$2.50 per doz.

**Aquilegia - Columbine**

One of the most popular perennials, easiest of cultivation. Blooms profusely from May to August; very desirable for herbaceous borders and groups among shrubs. Very hardy. Single or double mixed. Pkt., 10c; oz., \$1.00.

**MRS. SCOTT ELLIOTT'S STRAIN OF LONG-SPURRED HYBRIDS.** The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. There are no jarring or crude tints, and the whole form a harmonious mass of coloring. Pkt., 25c; oz., \$5.00. Plants, 25c each; \$2.50 per doz.

**Arabis**

A hardy perennial. The spreading tufts are covered with a sheet of pure white flowers. Very desirable for edging border. Pkt., 10c; oz., 75c. Plants, 30c each; \$3.00 per doz.

**Hardy Aster**

**HARDY PERENNIAL ASTER** (Michaelmas Daisy). Mixed. A single-flowered perennial Aster. Flowers in the Fall and is splendid for herbaceous borders; if sown early will flower the first season. Pkt., 10c; oz., \$2.50. Plants, 25c each; \$2.50 per doz.

**Aubrietia - Rock Cress or False Wall Cress**

One of the daintiest and most delicately beautiful of all dwarf, creeping plants for carpeting beds or rockeries, forming brilliant sheets of blue, crimson or rose for many weeks. Massed on rockeries or in borders with white Arabis and yellow Alyssum, it forms a charming contrast. A gem for planting in crevices of rocks or wall, forming a cataract of color.

**LARGE-FLOWERING HYBRIDS.** Pkt., 10c; ½ oz., \$2.75. Plants, 30c each; \$3.00 per doz.

**Bellis Perennis - English Daisy**

A hardy, free growing perennial. Its low habit of growth makes it valuable for borders. It is a long time in bloom. **LONGFELLOW.** Double pink. Pkt., 10c; oz., \$3.00. **SNOWBALL.** Double white. Pkt., 10c; oz., \$3.00. **DOUBLE MIXED.** Pkt., 10c; oz., \$2.00.

**Bocconia - Plume Poppy**

**CORDATA.** A very handsome perennial. Foliage bright green. Spikes two to three feet long, of cream colored flowers; easily raised from seed. Pkt., 10c; oz., 75c. Plants, 25c each; \$2.50 per doz.

**Boltonia**

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September.

**ASTEROIDES.** White. Pkt., 10c; oz., \$2.00. Plants, 25c each; \$2.50 per doz.

**Buddleia - Butterfly Bush or Summer Lilac**

This is perhaps the most popular of our garden and hardy border shrubs, being almost continually in flower from July until frost. The bush grows to a height of about four feet and produces an abundance of flower spikes, which are made up of myriads of miniature florets of a beautiful lilac shade. The flowers are very fragrant and attract butterflies in great numbers, from which fact the shrub has gained its name. Even a small plant will flower freely the first season, if planted early. Plants, 40c each; \$4.00 per doz.

**Campanulas or Bellflowers**

Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-shaped flowers, thriving best in light, rich soil; some of the varieties flower the first season if sown early.

**MEDIUM.** A hardy biennial, which will flower well the second year from seed. Dark blue, light blue, rose, white, single and mixed. **Single,** pkt., 10c; oz., 50c. **Double,** pkt., 10c; oz., \$1.25. Plants in separate colors, 25c each; \$2.50 per doz.

**CUP AND SAUCER CANTERBURY BELLS** (Campanula medium calycanthema). This is unquestionably the finest type of this old-fashioned and much prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. 30 inches. Pink, blue and white mixed. Pkt., 10c; oz., \$3.00. Plants, 25c each; \$2.50 per doz.

**CARPATICA** (Carpathian Harebell). A pretty species growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As a edging for a hardy border or for the rockery it is unsurpassed. Pkt., 10c; oz., \$2.00. Plants, 30c each; \$3.00 per doz.

**Candytuft - Iberis Sempervirens**

A profuse, white-blooming hardy perennial, coming in flower early in the Spring. Much used for cemeteries, rockeries, etc. 1 foot. Pkt., 10c; oz., \$3.00. Plants, 25c each; \$2.50 per doz.

**Carnations**

Carnations are a great favorite with most people who take pride in their old-fashioned gardens. They have the most beautiful colors and are easily raised from seed the first year. **CHABAUD'S GIANT DOUBLE.** White, pink, red. Pkt., 10c; oz., \$2.00. Plants, mixed colors, 25c each; \$2.50 per doz.

**Centaurea - Hardheads or Knapweed**

Makes a fine display in the border; also excellent for cutting.

**MONTANA** (Perennial Cornflower). Grows 2 feet high, bearing large, violet-blue flowers from July to September. Pkt., 10c; oz., 70c. Plants, 25c each; \$2.50 per doz.

**Hardy Chrysanthemums**

These small-flowered varieties produce a great profusion of bloom late in the Fall after most flowers have been killed by frost. We have selected those varieties that are hardest and most sure to bloom in our Northern climate. Scarlet and carmine, bronzy orange, rose pink, golden bronze and white. Plants only, 25c each; \$2.50 per doz.

**Coreopsis**

**LANCEOLATA GRANDIFLORA.** This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. Fine for cut flowers. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

**Delphinium - Perennial Larkspur**

These handsome, stately border plants produce long, bold flower spikes ranging in color from the palest sky-blue to the darkest shades of indigo and violet, and are unrivaled for producing blue effects in the Summer border. If, after the first flowering, the stems are cut down close to the ground, they will bloom again in Autumn.

**BELLADONNA.** Clear turquoise blue, white center. Pkt., 10c; oz., \$3.50. Plants, 25c each; doz., \$2.50.

**BELLAMOSUM.** Beautiful spikes of rich blue flowers. Pkt., 10c; oz., \$3.50. Plants, 25c each; doz., \$2.50.

**GOLD MEDAL HYBRIDS.** Produce long spikes of large flowers. An extra fine strain containing many shades of blue. Pkt., 10c; oz., \$2.00. Plants, 25c each; doz., \$2.50.

**VANDERBILT'S HYBRIDS.** We especially invite the interest of our patrons in this wonderful improved type of Delphinium, as our grower, a noted specialist, has produced what we consider the finest strain of this—the peer of all the hardy perennials. The spikes frequently attain a height of 6 feet, and are symmetrical in form. The individual florets are large, of diverse formation, and the color ranges from pale lilac through all the beautiful shades of blue to pansy-violet. Pkt., 25c. Plants, 30c each; doz., \$3.00.

## DELPHINIUM—Continued.

**IMPORTED STRAIN** (Blackmore & Langdon's). Grown from seed of famous named sorts. Introduced by England's foremost grower of Delphiniums. Plants only, 30c each; doz., \$3.00.

**THE BUTTERFLY DELPHINIUMS** are forms of Delphinium Chinese. Height, 2 to 3 ft. Though perfectly hardy perennials, they have the special merit of developing to full size the first year, when sown in frame in February or March.

**BLUE BUTTERFLY.** Pure deepest blue. Per pkt., 15c.

**WHITE BUTTERFLY.** Pure white with sulphury buds. 15c per pkt.

**Dianthus or Pinks**

## PERENNIAL

The Dianthus are better known as Chinese Pinks and are always used in old-fashioned gardens. Blooms the first year, also the second year if protected through the Winter.

**PLUMARIUS** (Pheasant's Eye). Single fringed flowers. Pkt., 10c; oz., 75c.

**PLUMARIUS.** Double grass pink. Pkt., 10c; oz., \$3.00.

**DIANTHUS ALLWOODI.** This is an important addition to our list of perennial plants. They are perfectly hardy and flower continuously from early Spring until late in the Autumn. The flowers are much more substantial and larger than the old type of Hardy Pinks, and are borne on long stems suitable for cutting; deliciously clove-scented. Pkt., 25c. Plants, 30c each; doz., \$3.00.

**Dictamnus - Gas Plant**

The seed of these is very slow to germinate.

**FRAXINELLA.** 3 feet. June-July. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple veined flowers, excellent for cutting. Pkt., 10c; ¼ oz., \$1.00. Plants, 25c each; doz., \$2.50.

**ALBUS.** 3 feet. June-July. Spikes of attractive pure white sweet-scented flowers. Perennial. Pkt., 10c; ¼ oz., \$1.00.

**Dielytra or Bleeding Heart**

A hardy perennial with heart shaped, rose colored flowers in drooping spikes. The base of the flower is furnished with two sheathlike spurs. One of the best border plants; perfectly hardy and easily cultivated. Flowers in April or May. The Bleeding Heart is one of the choicest members of the old-fashioned gardens. They prefer the shaded nooks in the border. 75c each; doz., \$7.50.

**Digitalis - Foxglove**

Hardy perennial, bearing long spikes of beautifully colored flowers; fine for planting in hardy borders or among shrubbery.

**GLOXINIAEFLORA.** Purple, rose, white, mixed. Pkt., 10c; oz., 75c.

**THE SHIRLEY HYBRIDS.** 6 to 7 ft. The flowerheads are over 3 ft. long, covered with big bell shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate. Pkt., 10c; oz., \$2.00. Plants 25c each; doz., \$2.50.

**Eupatorium**

A splendid native plant, growing two feet high. Immense heads of purplish pink flowers; fine for naturalizing along streams and ponds, and for planting among shrubbery.

**COELESTINUM.** Lavender flowers. Pkt., 10c; oz., \$2.00.

**Gaillardia - Blanket Flower**

Showy border plants producing flowers from July to September. A continual supply of richly colored flowers ranging from clear yellow to glowing scarlet-red. Fine for cutting.

**GRANDIFLORA.** Choice mixed. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

**DAZZLER.** Introduced in England two years ago. Large, dull red flowers; very fine variety. Plants, 30c each; doz., \$3.00.

**Geum**

Well known hardy perennials noted for their rich coloring and freedom of flowering. Most useful for cutting and the rockery or border.

**ATROSANGUINEUM FL. PL.** Pretty border plants, growing 18 inches high and producing brilliant scarlet flowers throughout the Summer. Pkt., 10c; oz., \$2.00. Plants, 25c each; doz., \$2.50.

**Gypsophila - Baby's Breath**

An elegant border plant, the light graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers.

**PANICULATA.** A very hardy perennial, small single white flowers. Pkt., 10c; oz., 60c. Plants, 25c each; doz., \$2.50.

**PANICULATA FL. PL.** The new double flowering Baby's Breath, smothered with dainty, double, white flowers, which, when cut and dried, are useful for table decoration in Winter. Pkt., 25c; ¼ oz., \$2.00; ¼ oz., \$3.75.

**Helenium**

Handsome plants, allied to the sunflowers. Of the easiest culture, forming dense masses of bloom in late Summer or Autumn.

**RIVERTON GEM (New).** Old gold, suffused with bright terra cotta, changing to wallflower-red. August to October. Pkt., 10c; oz., \$3.00. Plants, 25c each; doz., \$2.50.

**Heuchera - Coralbells**

Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting.

**SANGUINEA.** 12 to 18 inches. June to September. Flowers bright crimson; very free-flowering. Nice for cutting. Excellent for rock garden. Pkt., 25c; ¼ oz., \$2.25. Plants, 30c each; doz., \$3.00.

**Hemerocallis - Yellow Day Lily**

Popular hardy plants belonging to the Lily family. They succeed everywhere and should always be included in every border of old-fashioned hardy plants. Plants, 25c each; doz., \$2.50.

**Hibiscus - Rose Mallow**

Noble, shrub-like plants, with handsome green foliage, bearing throughout Summer large bright flowers, from 3 to 5 inches in diameter. August-September. Very hardy. Suitable for garden and indoor use when cut. 3 to 5 ft. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

**Hollyhocks**

Stately, majestic, hardy plants, from 6 to 8 ft. high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

**CHATER'S SUPERB.** Double white, pink, maroon, lilac, salmon, scarlet, yellow. Separate colors. Pkt., 10c; oz., \$1.50. Mixed, oz., \$1.00. Plants, 25c each; doz., \$2.50.

**SINGLE.** Mixed. Pkt., 10c; oz., \$1.00. Plants, 25c each; doz., \$2.50.

**IMPERATOR.** The flowers of this new strain are double and 5½ to 6½ inches across, consisting of wide outer petals elegantly frilled and deeply fringed. Pkt., 25c.

**Lathyrus - Everlasting or Hardy****Sweet Pea**

Hardy climbers, growing 6 to 8 ft. high when trained on a trellis. The flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut flower. White, red and pink. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

**Lavandula - Lavender**

**VERA.** This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

**Liatris - Blazing Star or Gay Feather**

**LYCOSTACHYA.** The popular name of this plant is Kansas Gay Feather. Nothing can be planted that will attract more attention on account of its unusual appearance; but it is beautiful as well as odd. It blooms in midsummer and throws up long, narrow spikes of rich purple flowers, which last a long time. A peculiarity of this plant is its great attraction for butterflies. Pkt., 10c; oz., \$1.75. Plants, 30c each; doz., \$3.00.

**Linum - Flax**

Erect growing plants with showy flowers which open in the sunshine. Blooms continuously and of easy culture in full sun.

**PERENNE.** Perennial. Blue flowers. Pkt., 10c; oz., 75c.

**Lobelia - Indian Paintbrush**

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam. Season August till late September.

**CARDINALIS** (Cardinal Flower). Rich, fiery cardinal flowers. Strong plants, often producing 10 to 18 spikes 24 to 30 inches long. Pkt., 10c; ¼ oz., \$3.00.

**Lupines**

A perfectly hardy plant producing long spikes of beautiful pea-shaped flowers on stems 3 feet long. They are excellent for cutting and bloom from June until September.

**POLYPHYLLUS.** Blue, white, rose and carmine mixed. Pkt., 10c; oz., 75c. Plants, mixed colors, 25c each; doz., \$2.50.

**Lychnis**

Hardy perennial, will bloom first year from seed if sown early. These may be classed among the best known and most popular of old-fashioned flowers. Of easiest culture and most pleasing habit.

**CHALCEDONICA.** Sometimes called Maltese Cross. Flowers beautiful scarlet; fine for massing. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

**Feverfew - Matricaria**

**LITTLE GEM.** A most useful border plant and valuable Summer cut flower, with large, double, white flowers. June until October. 18 to 24 inches. Pkt., 10c; oz., 75c. Plants, 25c each; doz., \$2.50.

**Mertensia - Blue Bells**

**VIRGINICA.** An early Spring-flowering plant, growing about 1 to 1½ ft. high with flowers fading to clear pink; one of the most interesting of our native Spring flowers. Plants, 25c each; doz., \$2.50.

**Myosotis - Forget-Me-Not**

Few Spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials, and hardy if given a slight protection over the Winter.

**INDIGO BLUE.** Pkt., 10c; ¼ oz., 35c; ½ oz., 50c; 1 oz., 75c; oz., \$1.25.

**ALPESTRIS.** Light blue. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; oz., \$1.25. Plants, 25c each; doz., \$2.50.

**ALPESTRIS ROSEA.** Pink. Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; 1 oz., \$1.00; oz., \$1.50.

**Monarda or Bergamot**

Showy plants growing from 2 to 3 ft. high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

**DIDYMA, CAMBRIDGE SCARLET.** Brilliant crimson-scarlet. Plants, 25c each; doz., \$2.50.

**Oenothera - Evening Primrose**

Elegant for a sunny position in the border or on the rocky, blooming all Summer.

**MISSOURIENSIS.** 10 inches. June to August. A low species with prostrate, ascending branches; profuse bloomer. Solitary flowers, often 5 in. across. Good for border or rock garden. Pkt., 10c; oz., 25c. Plants, 25c each; doz., \$2.50.

**PANSIES.** See page 23.

**Hardy Perennial Phlox**

**DECUSSATA.** Mixed. A great variety of colors. If the first spikes of bloom are removed as soon as over, and the plants given a good watering, they will produce a second supply of flowers. Separate colors. Pkt., 10c; oz., \$4.50. Plants, 25c each; doz., \$2.50.

**Pentstemon**

**BARBATUS TORREYI.** Spikes of bright scarlet flowers from June till August. A very effective plant for hardy beds. Pkt., 10c; oz., \$1.00. Plants, 25c each; doz., \$2.50.

**Physostegia - False Dragonhead**

**VIRGINICA.** Forms large clumps 3 to 4 ft. high, bearing long spikes of delicate pink flowers, tubular in form. July-August. Pkt., 10c; oz., \$2.25. Plants, 25c each; doz., \$2.50.

**Physalis - Chinese Lantern Plant**

**FRANCHETI.** An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which, when cut, will last all Winter. Very attractive plant. Pkt., 10c; oz., \$2.25. Plants, 25c each; doz., \$2.50.

**Platycodon - Japanese Bellflower**

Very handsome, hardy perennials with beautiful, large, bell-shaped flowers like the Campanulas. They are very effective for borders or for the rock garden. Pkt., 10c; oz., \$2.50. Plants, 25c each; doz., \$2.50.

**Poppies**

**ORIENTALE.** Tremendous cup-shaped blooms of brightest shades, with large, purplish black blotches at base of petals, creating a wonderful contrast when bloom is fully open. Clumps of these throughout the border add a brilliancy that no other flower can provide. Salmon, apricot queen, scarlet, pink, mixed hybrids. Pkt., 10c; oz., \$2.00.

**SCARLET.** Plants, 25c each; doz., \$2.50.

**PINK BEAUTY.** Plants, 25c each; doz., \$2.50.

**ICELAND.** The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender, leafless stems 1 foot high, each graced with charming cup-shaped flowers. Pkt., 10c; oz., \$1.50.

**Primula - Hardy Primrose**

**VERIS HYBRIDS.** This strain includes various shades of lilac, purple and violet, as well as a wide range of buff, orange, salmon and rich reds approaching scarlet in intensity. Quite hardy and of vigorous growth. Pkt., 25c; oz., \$4.00.

**VULGARIS.** The old English Primrose with pale yellow flowers. Pkt., 25c; oz., \$4.00.

**Pyrethrum**

The cosmos-like flowers range in color from the palest pinks to deep red, the bright yellow centers forming a splendid contrast. Blooming as they do during May and June and again in the Fall, and on account of their long lasting and utility as a cut flower, we recommend them highly to our patrons.

**HYBRIDUM GRANDIFLORUM.** Mixed. Pkt., 10c; oz., \$3.00. Plants, 25c each; \$2.50 per doz.

**Rudbeckia - Coneflower**

**NEWMANNI.** The perennial form of the "Black-Eyed Susan." Deep orange-yellow flowers, with a dark purple cone; long, wiry stems 3 feet high; blooms all Summer. Pkt., 10c; oz., \$2.00.

**PURPUREA** (Giant Purple Coneflower). Peculiar reddish purple flowers, with a very large, brown, cone-shaped center. Blooms from July to October. 3 feet. Pkt., 10c; oz., \$3.00.

**Salvia - Meadow Sage**

**AZUREA.** A Rocky Mountain species. Grows 3 to 4 feet high, producing, during August and September, pretty sky-blue flowers in the greatest profusion. Pkt., 10c; oz., \$2.50. Plants, 25c each; \$2.50 per doz.

**Scabiosa - Pincushion Flower**

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

**CAUCASICA** (Blue Bonnet). A soft and charming shade of lavender; commences to bloom in June, throwing stems 18 to 24 inches high until September. Pkt., 10c; oz., \$3.50. Plants, 25c each; \$2.50 per doz.

**Shasta Daisy**

A splendid hardy perennial variety, with flowers frequently 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems. This is a beautiful cut flower frequently lasting in good condition a week or more. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$2.50. Plants, 25c; \$2.50 per doz.

**Statice - Great Sea Lavender**

**LATIFOLIA.** A valuable plant either for the border or rocky, with tufts of leathery leaves and immense candelabra-like heads, frequently 1½ feet high and 2 feet across, of purplish blue, minute flowers during July and August. These, if cut and dried, last in perfect condition for months. Pkt., 10c; oz., \$1.00. Plants, 25c each; \$2.50 per doz.

**Stokesia Cyanea - Cornflower Aster**

A most desirable hardy perennial with azure-blue or lavender, cornflower-like bloom, blossoming continuously from July till late frosts. Mixed. Pkt., 10c; oz., \$1.50.

**Sweet Rocket**

2 to 3 feet. June and July. Fragrant white, lilac, and purple flowers in showy spikes. Desirable for wild garden, shrubby or mixed border. Pkt., 10c; oz., 50c. Plants, 25c each; \$2.50 per doz.

**Sweet William**

**DIANTHUS BARBATUS.** The Sweet William is a fine old plant which produces great masses of bloom of extremely rich and varied colors. The flowers are very lasting and fine for cutting. Single mixed, pkt., 10c; oz., 50c. Double mixed, pkt., 10c; oz., \$1.00.

**PINK BEAUTY** (Sometimes called Newport Pink). A splendid shade of salmon with immense flower trusses. Single. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

**SCARLET BEAUTY.** A very effective, rich, deep scarlet variety. Single. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

**PURE WHITE.** Double. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

**Tritoma - Red Hot Poker**

Very handsome and showy border plants. Flowers borne in compact form on stout 3- and 4-foot stems, having the appearance at a distance of orange and red colored spear heads. Require protection during Winter, unless in a very sheltered position. 40c each; \$4.00 per doz.

**Veronica**

**LONGIFOLIA SUBSESSILIS.** 2 feet. July to September. One of the handsomest blue-flowering plants. Perfectly hardy and increases in strength and beauty each year. Spikes completely studded with beautiful blue flowers; fine for cutting and one of the best plants for the hardy border. Plants, 30c each; \$3.00 per doz.

**Valeriana**

**RUBRA.** Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets. Mixed. 2 feet. Pkt., 10c; oz., 75c. Plants, 30c each; \$3.00 per doz.

**Viola Odorata - Sweet Violet**

The variety is suited for forcing under glass; and perfectly hardy, and is covered with flowers in early Spring and wonderfully sweet scented. Pkt., 25c; oz., \$4.00. Plants, 30c each; \$3.00 per doz.

**Viola Cornuta - Tufted Pansies**

These resemble pansies in shape and form with the additional quality that they are of long stems and appear uninterrupted from early Spring till snow flies. Mixed. Pkt., 10c; oz., \$3.00.

**JERSEY GEM** (New). Possesses the dwarf habit and continuity of blooming of the true horned Viola (V. cornuta), and the vigorous, bushy growth, and roundish foliage of the finest English bedding varieties. Color is pure, rich violet, and slightly perfumed. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

**Yucca Filamentosa - Adam's Needle**

A plant with evergreen foliage and long spikes of pendulous white flowers. It does well in dry places where few plants thrive. Plants, 25c each; \$2.50 per doz.

# Hardy Plants and Seeds for the Rock Garden

The increasing popularity of plants suitable for the rockery has resulted in the necessity for selecting from the large group of so-called rockery plants a few which have proved to be especially adapted for this purpose. Some of those listed are admirable for stone walls or flagstone walks as well as rockeries.

**ALYSSUM saxatile compactum.** Broad masses of bright yellow flowers in early Spring. An excellent plant for the rockery or front of borders. 1 foot. Pkt., 10c. Plants, 25c each; \$2.50 per doz.

**ARABIS alpina** (Rock Cress). Pure white flowers produced in dense masses; splendid for border and rockery work, and last quite some time when cut. Pkt., 10c. Plants, 30c each; \$3.00 per doz.

**ANEMONE pulsatilla** (Pasque Flower). Grows from 9 to 12 inches high and produces violet or purple flowers during April and May. An interesting plant for the rockery or well drained border. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

**ARENARIA grandiflora** (Sandwort). From the Pyrenees Mountains. Covers itself with its pure snow-white flowers. One of the best of all rock plants. May. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

**AUBRIETIA** (Rock Cress or False Wall Cress). Refer to Perennial Plants, page 29.

**CERASTIUM tomentosum.** A low-growing plant having silvery white foliage and producing an abundance of snow-white flowers. Especially suitable for rock or border purposes. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

**CARPATHIAN HAREBELL.** Refer to Perennial Plants, page 29.

**EUPHORBIA myrsinites.** A pretty prostrate species; bluish foliage with crowded heads of yellow flowers. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

**DIELYTRA eximia** (Plumy Bleeding Heart). A dwarf-growing sort, with beautiful finely cut foliage and showy racemes of pretty pink flowers throughout the season. Too much cannot be said for this fine border plant as it is equally at home in full shade or sun and perfectly hardy anywhere. Will grow in any climate under any conditions. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

**DIANTHUS deltoides** (Maiden Pink). A beautiful little plant with narrow leaves and bearing a profusion of small, crimson flowers during June and July. Easily grown on rockery. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

**ERINUS alpinus.** Pretty rosettes of foliage and racemes of rosy purple flowers. A first rate rock plant and also invaluable for establishing on old walls or between steps. 4 inches. May-June. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

**HELIANTHEMUM** (Rock or Sun Rose). Low-growing evergreen plants, forming broad clumps, and, which during their flowering season, July to September, are hidden by a mass of bloom; for the front of the border, the rockery, or a dry, sunny bank. Mixed colors, pkt., 25c. Plants, 30c each; \$3.00 per doz.

**IBERIS sempervirens.** Refer to Perennial Plants, page 29.

**OENOTHERA missouriensis.** Refer to Perennial Plants, page 31.

**SILENE Schafta** (Autumn Catchfly). A charming border or rock plant growing from 4 to 6 inches high, with masses of bright pink flowers from July to October. Pkt., 25c. Plants, 30c each; \$3.00 per doz.

## Hardy Garden Lilies

For color, fragrance, beauty and variety of form, nothing surpasses the Hardy Lilies. They are objects of admiration wherever placed, are of easy culture and increase in size each year.

### Two Excellent Garden Lilies

#### Myriophyllum

##### New Regal Lily

One of the most beautiful and satisfactory of all garden Lilies. The inside of the flower is pure white, shading to a pretty canary-yellow in the throat. The outside is white suffused with a bright rose-pink. The blooms are 5 to 6 inches in length, and have a delightful fragrance. It is a perfectly hardy variety and once planted will increase each year. Blooms in July. 3 feet high. (See color plate opposite). 75c each; \$7.50 per doz.

#### Superbum

##### The Lily That Defies Neglect

Superbum is unquestionably one of the most satisfactory and unusual Lilies. It can be planted in the garden or the meadows; in wet swamps or dry ground; on the edge of the woods or in cultivated ground. It will thrive wherever you put it—and it will grow without care or attention! On top of all this is truly a superb Lily, as its name suggests; it often grows over 8 feet high, producing 20 to 30 orange-red flowers in the month when flowers are apt to be scarce—July. (See color plate opposite). 50c each; \$5.00 per doz.

**SPECIOSUM ALBUM.** The white Speciosum, which is usually grown with Magnificum and Auratum, is a very dainty Lily. It flowers outside in the border at the same time as Auratum and Magnificum, and is one of the most extensively cultivated varieties. 3 feet high. Size, 8 to 9 in., 85c each; \$8.50 per doz.

**AURATUM** (Gold-Banded Japan Lily). Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots and striped through the center a golden yellow; 3 to 5 feet. July to September. (See color plate opposite). Jumbo size, 11 to 13 in., 60c each; \$6.00 per doz.; \$45.00 per 100. First size, 8 to 9 in., 45c each; \$4.50 per doz.; \$35.00 per 100.

**AURATUM PLATYPHYLLUM.** Also called "Macranthum." This is a robust growing form; the stem is stouter and attains a greater height; the leaves are much broader; enormous flowers, white, richly spotted yellow. July to September. 50c each; \$5.00 per doz.; \$40.00 per 100.

**HENRYI.** A new Japanese Lily that has made a sensation in Europe. It has the same form and appearance as the Speciosum varieties, but the flowers are bright orange-yellow. 5 to 6 feet high. August to September. 60c each; \$6.50 per doz.; \$50.00 per 100.

**HANSONI.** Most desirable; not particular in its cultural requirements and extremely handsome in flower; does well in light loam. Plant among shrubs and low plants to protect young shoots, this being one of the earliest Lilies to appear in the Spring. Stems 4 to 5 feet tall, carrying blossoms 2 inches across, regularly reflexed, petals bright orange spotted with brown, of a waxy texture. Admirable for pot culture. June. 85c each; \$8.50 per doz.

**KRAMERI.** Unique for its color and grows from 2 to 4 feet high. The funnel-shaped, finely formed flowers are 6 inches or more in length and as much across, of a beautiful clear pink color, often shaded bluish. 50c each; \$5.00 per doz.; \$35.00 per 100.

**SPECIOSUM var. RUBRUM.** This fine, late-blooming plant from Japan is one of the most showy of Lilies. White, shaded and spotted with rose and red. Height 2 feet, and not difficult to grow. Blooms in August and September. Large flowering bulbs. (See color plate opposite). 8 to 9 in., 60c each; \$6.00 per doz.; \$45.00 per 100. 11 to 13 in., 70c each; \$7.00 per doz.; \$60.00 per 100.

### Various Other Hardy Lilies

**CANADENSE** (Canada Lily). Slender stems 2 to 4 feet high. Flowers in various shades of orange, yellow and red. Very ornamental. June to August. 35c each; \$3.50 per doz.; \$27.50 per 100.

**ELEGANS.** Solitary, deep blood-red flowers spotted purplish black, red anthers. 1 to 1½ feet. June-July. 30c each; \$3.00 per doz.; \$22.50 per 100.

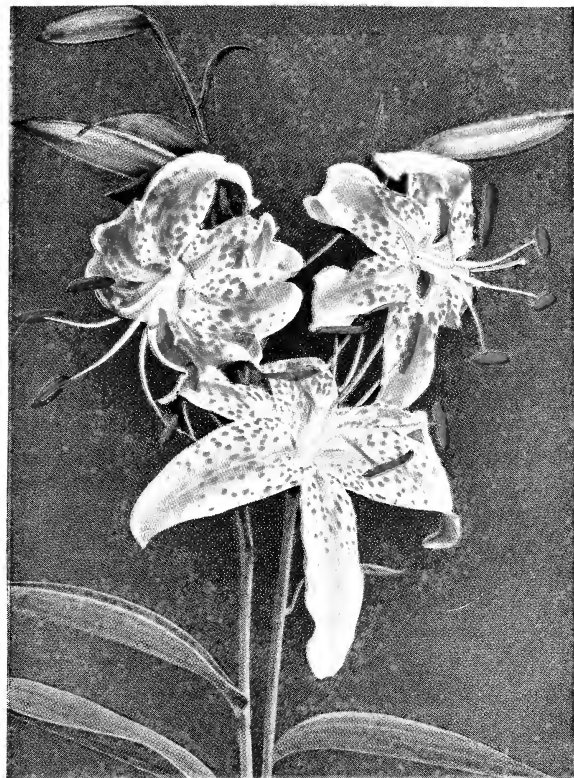
**GRAYI** (Gray's Lily). Height 2 to 4 feet. A beautiful Lily, with deep reddish, bell-shaped flowers, orange spotted within. Exceedingly showy and continues to grow in demand. Grows well in shady places. July. 30c each; \$3.00 per doz.; \$22.50 per 100.

### Tiger Lilies

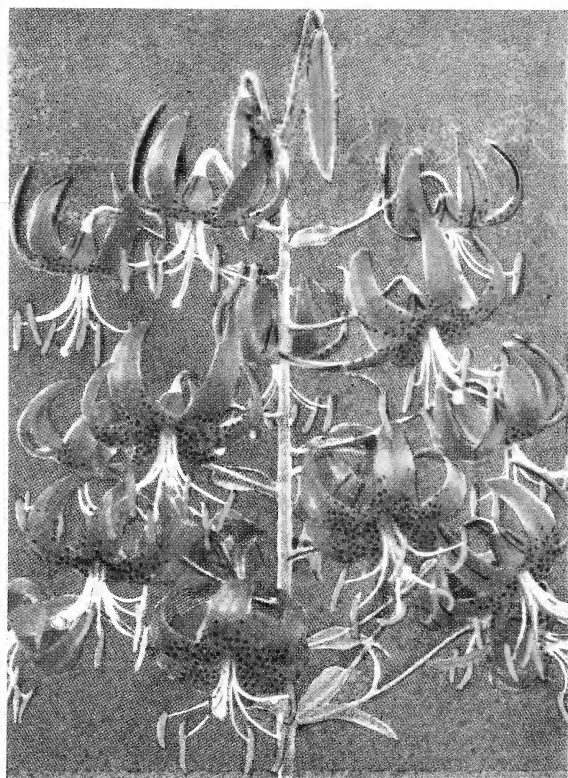
The most easily grown and most showy of the hardy Lilies. The stalks are 3 to 4 feet high and surmounted by clusters of orange-salmon spotted flowers. Blooms in midsummer.

**TIGRINUM SPLENDENS.** An improved form of the single-flowered type. 25c each; \$2.50 per doz.

**TIGRINUM DOUBLE.** A double-flowering form. 30c each; \$3.00 per doz.



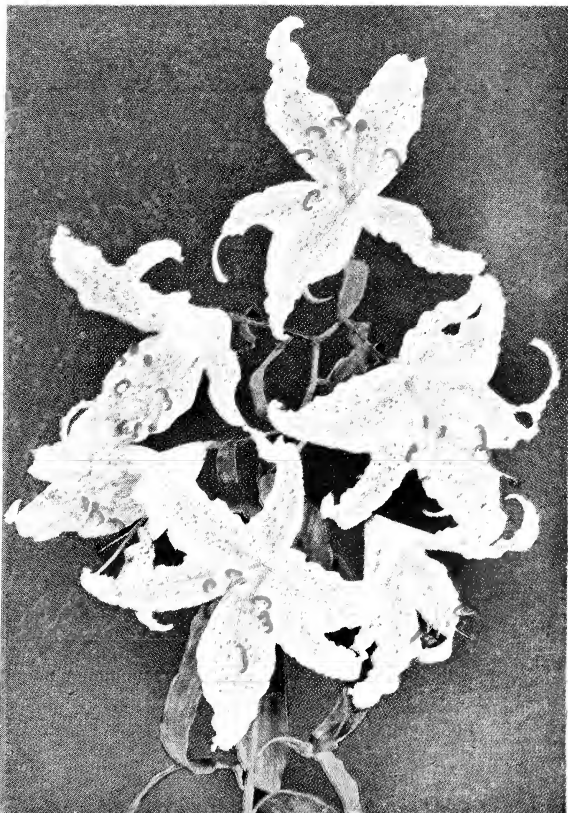
*Lilium Speciosum Rubrum.*



*Lilium Superbum.*



*Lilium Regale.*



*Lilium Auratum.*

See Page 32 for Complete List of Lilies



1. Briar Cliffe.  
2. White Killarney.  
3. Rev. F. Page-Roberts.

4. Red Radiance.  
5. Madame Caroline Testout.  
6. Souvenir de Georges Permet.  
7. Mrs. Calvin Coolidge.

8. Duchess of Wellington.  
9. Matchless.  
10. Pink Radiance.

## Roses, the Queen of Flowers

**I**N all collections of flowering and ornamental shrubs Roses occupy first place, for among the flowering shrubs that make for beauty and grace there is none that can compare with the Rose. The wide range of color, shape, and size of the blooms and the diversity and character of the foliage give it a wider range for decoration than any other single group of plants. When added to these qualifications are ease of culture, quick and ample response in blossoms, it is not to be wondered at that the Rose has been aptly termed the "Queen of Flowers."

See next page for Complete List of Roses

# Best Field-Grown Roses for Your Garden

Booklet entitled, "GARDEN ROSES—HOW TO MAKE THEM GROW AND BLOOM." Contains 16 pages of helpful information. Price, 25c.

PRICE, EXCEPT WHERE NOTED, 75c EACH; \$7.50 PER DOZEN.

## Seven New Everblooming Hardy Hybrid Tea Roses for 1928

**BRIARCLIFF.** This is a beautifully formed, light pink Rose. The bud is long and pointed, every flower opening perfectly. The color is a brilliant pure pink. \$1.25 each; \$12.50 per doz.

**MRS. CALVIN COOLIDGE.** Clear buff-yellow, suffused with orange in the center; of medium size, well formed, double, and of some fragrance. A sport of Ophelia, resembling that variety and Mme. Butterfly in all respects except color. \$1.25 each; \$12.50 per doz.

**MME. ALEXANDRE DREUX.** Intense yellow bud, opening to a smallish, high-centered flower with sharply reflexed petals of deep yellow splashed with orange. Plant is moderately vigorous, wiry; fairly free flowering. A flower of unique color and great beauty of form. \$1.25 each; \$12.50 per doz.

**MATCHLESS.** Bud very large, long-pointed. The deep cerise-pink flower is immense, very double, with intensely strong fragrance, lasting well, and comes singly on long, strong stems. Foliage abundant and large. Growth vigorously bushy. \$1.25 each; \$12.50 per doz.

**REV. F. PAGE-ROBERTS.** Copper-red buds of great length, opening to golden yellow blooms stained outside with red, fully double (40 to 50 petals) and very large; fragrant. Strong, branching plant with healthy foliage. \$1.50 each; \$15.00 per doz.

**SOUVENIR DE CLAUDIUS PERNET.** Fine buds of fadeless yellow, paling somewhat toward the edge; beautiful when half open but not so good full blown. Plant erect and strong; foliage glossy and disease resistant. Blooms freely early and late. \$1.25 each; \$12.50 per doz.

**SOUVENIR DE GEORGES PERNET.** Brick-red buds, opening to terra cotta-pink blooms of immense size, very double, and deliciously fragrant. Stocky, dwarf plant with fair foliage. Free blooming and hardy. An unusually beautiful Rose, particularly for massive bedding effects. \$1.25 each; \$12.50 per doz.

## Hardy Hybrid Perpetual Roses

**FRAU KARL DRUSCHKI.** An immense, pure white, perfectly double Rose, sometimes almost 6 inches in diameter, abundantly produced in June and if kept growing, continues blooming all Summer. Plant robust, vigorous and upright. An extremely popular Rose.

**GENERAL JACQUEMINOT.** The "Jack" Rose; a long-time favorite. The fragrant, perfectly formed blossoms come early, are brilliant scarlet-crimson, and are borne on long, strong stems, by a vigorous plant.

**PAUL NEXRON.** One of the best Hybrid Perpetuals for outdoor culture, and probably the largest Rose in commerce, the flowers sometimes being 6 inches in diameter. Fragrant, clear pink blooms shading to rose, produced by a vigorous, hardy plant that frequently shows Fall blooms.

**PERSIAN YELLOW.** A small, fragrant, double, golden yellow flower borne in great profusion. Desirable for a hedge or for mixing in shrubbery.

## Everblooming Hardy Hybrid Tea Roses

**AMERICAN BEAUTY.** Dark pink, shaded with smoky carmine, globular form, and fragrant.

**BETTY.** When established it produces blooms of marvelous beauty, particularly in the Autumn. Large flowers of a glowing coppery rose color, suffused with gold.

**MME. CAROLINE TESTOUT.** The streets of Portland are bordered with thousands of these Roses, because the beautiful blooms are borne abundantly all Summer on the strong, vigorous plants. The large, rounded flowers are bright satiny rose, with darker center, and edges of petals bordered with soft carmine-pink.

**COLUMBIA.** The flowers are large, fully double, bright lively pink in color, shading darker at maturity.

**DUCHESS OF WELLINGTON.** The buds are long; the flowers large, well formed, of few petals of intense saffron-yellow, changing to deep coppery yellow as they expand; delightfully fragrant and disease resistant.

**GENERAL MacARTHUR.** Brilliant glowing crimson-scarlet, free bloomer and very sweet scented.

**GOLDEN EMBLEM.** A large, perfectly shaped, superb, golden yellow bloom.

**GRUSS AN TEPLITZ.** In color it is richest scarlet, shading to a velvety crimson; very fragrant; a free, continuous bloomer.

**HOOSIER BEAUTY.** A remarkable Rose of American origin; glowing crimson with darker shadings. Buds large, long-pointed; blooms very large, full, borne several together, on long stems; sweetly fragrant. Good variety for show purposes; stands up well.

**PINK KILLARNEY.** Large, long-pointed buds, opening to large, loose blooms of beautiful flesh color, borne on long, strong stems.

**PREMIER.** Rich, dark pink flowers of full form, fine size, and pleasing fragrance, borne singly on stiff, almost thornless stems by a vigorous and robust plant with very fine disease-resistant foliage.

**WHITE KILLARNEY.** Sport of Killarney, and very similar to it in size, shape and fragrance, but pure white in color.

**LOS ANGELES.** Its color is a luminous flame-pink toned coral, shaded translucent gold at base of petals.

**MME. EDOUARD HERRIOT.** Sparkling buds of coral-red and orange, opening to brilliant orange-red and salmon flowers.

**MME. BUTTERFLY.** Color a blending of bright pink, apricot and gold.

**MISS LOLITA ARMOUR.** Burnished buds and creamy copper flowers with a reddish orange tinge, fully double cup and fragrant.

**MRS. AARON WARD.** Semi-double, cup-shaped, deep Indian-yellow flowers; fragrant; blooms till frost.

**MRS. CHARLES E. RUSSELL.** Rosy carmine with rosy scarlet center; large, long pointed buds, opening to full globular, double flowers, on long, strong stems.

**J. J. L. MOCK.** Carmine buds of gigantic size, opening to enormous blooms of deep carmine-pink.

**OPHELIA.** The beautifully formed, fragrant salmon-flesh flowers are borne on long, stout stems, and are freely produced until frost.

**PINK RADIANCE.** Brilliant rosy carmine shaded with rich opaline-pink tints in the open flower.

**RED RADIANCE.** A bright, cheerful and even shade of pure red. Size, foliage, growth and habit same as in the parent "Radiance;" a splendid bloomer and fine variety for outdoor planting.

**SUNBURST.** A magnificent Rose. The color is orange-copper or golden orange, with a deep orange center.

## Hardy Climbing Roses

**AMERICAN BEAUTY.** Brilliant carmine flowers of fine form and rich perfume.

**AMERICAN PILLAR.** Immense clusters of single, bright crimson flowers, with clear white eye, on long, strong stems.

**DOROTHY PERKINS.** Clear cherry-pink, slightly fragrant flowers, borne in great profusion and lasting for a long time.

**DR. W. VAN FLEET.** Perfectly formed, long, pointed, deep pink buds on long stems with several in a cluster, that open a lighter shade of pink, expanding to about 4 inches.

**EMILY GRAY.** Beautiful long, pointed, slender, golden yellow buds open to semi-double, deliciously fragrant, buff colored flowers, borne in trusses on long, strong stems.

**EXCELSA.** A radiant, blood-red cluster Rose, as free and double as Dorothy Perkins, of which it is the red prototype.

**GARDENIA.** Yellow buds and creamy flowers with rich yellow centers.

**MARY WALLACE.** Large, very bright pink flowers, illumined with shining gold, double (20 petals), cup-shaped, moderately fragrant.

**PAUL'S SCARLET CLIMBER.** The brightest and purest red of all the Pillar Roses. Vivid scarlet, shaded crimson; semi-double.

**WHITE DOROTHY PERKINS.** Double flowers of pure, creamy white, borne in great clusters on a strong, healthy plant.

**Fertilize ROSE BEDS with Bone Meal, Sheep Manure**

# Hardy Ornamental Shrubs

The use of shrubbery adds materially to the beauty and attractiveness of the home grounds. It affords an opportunity for artistic development with the varying color of foliage and flowers in Summer, followed by the bright colored bark and berries of some species in Winter.

Booklet entitled, "HOME GROUNDS—THEIR PLANNING AND PLANTING." By L. H. Bailey. Contains 50 pages of worth while information. Price, 25c.

PRICES OF ALL SHRUBS, EXCEPT WHERE NOTED, 75c EACH; \$7.50 PER DOZEN.

## Magnolia Trees

This ornamental tree attains a height of 15 feet. It bears exceedingly large flowers resembling a tulip in shape, the color is a pleasing shade of deep rose-pink, changing to brighter pink as the flower ages. Blooms early in May before the leaves appear.

It is a distinct and very showy novelty and lends itself to most any situation. Magnolias have been very scarce for a number of years and we are fortunate to be able to offer them this season. Price, \$10.00 each.

## Althea - Rose of Sharon

One of the best known shrubs, with handsome plain and variegated foliage and bearing large, single or double flowers in August and September.

DOUBLE ROSE, PURPLE AND RED. \$1.00 each; \$10.00 per doz.

## Almond

A beautiful small shrub, bearing an abundance of small, double, roselike flowers in May.

RED AND WHITE. \$1.00 each; \$10.00 per doz.

## Barberry - Berberis

**THUNBERGI.** Blossoms small, yellow, followed by berries that turn bright red in Autumn. Leaves small and changing to coppery red in Fall. Ideal for hedges. 30c each; \$3.00 per doz.

**THUNBERGI ATROPURPUREA.** It is similar in all respects to the green-leaved Japanese Barberry, but the foliage of this new variety is of a rich, lustrous, bronzy red, becoming more brilliant and gorgeous throughout the Summer and in the Fall changes to vivid orange, scarlet and red shades. In this coloring it is unequalled by any other shrub and is followed by brilliant scarlet berries common to the type which remain on the plant the entire Winter. \$1.00 each; \$10.00 per doz.

## Buddleia - Butterfly Bush

This is perhaps the most popular of our garden and hardy border shrubs, being almost continually in flower from July until frost. Grows about four feet and produces an abundance of flower spikes, made up of myriads of miniature florets of a beautiful lilac shade. Flowers are fragrant and attract butterflies, from which fact the shrub has gained its name. Will bloom freely the first season if planted early.

## Flowering Crab

**BECHTEL'S DOUBLE-FLOWERING.** One of the most beautiful of the flowering Crabs; tree of medium size, covered in early Spring with large, beautiful, fragrant flowers of a delicate pink color; very popular for lawns, as it blooms when quite young. 10 to 15 ft. \$1.50 each.

## Deutzia

**PRIDE OF ROCHESTER.** Produces large, double, white flowers, tinged with rose; vigorous grower, profuse bloomer and one of the earliest to bloom.

## Dogwood - Cornus

**SIBIRICA ALBA.** A strong-growing variety, crimson colored branches in Winter. White flowers.

**FLORIDA RUBRA.** Red or pink flowering. Grows from 20 to 25 feet high. Flowers before leaves appear, 3 1/2 inches in diameter, a beautiful red or pink. Very durable, lasting two weeks. Foliage grayish green, glossy and handsome, turning deep red in Fall. Very ornamental. \$2.00 each.

## Forsythia

**FORTUNEI.** Strong, erect habit; bright golden yellow flowers in early Spring.

## Honeysuckle Bush - Lonicera

Valuable for their handsome flowers and showy fruit. WHITE AND PINK.

## Hydrangea

**PANICULATA GRANDIFLORA** (Hardy Hydrangea). A beautiful, tall shrub, with leaves of bright, shiny green; flowers borne in huge panicles from 8 to 12 inches long, light pink, changing to brown later in the Fall; blooms in August and September; can be grown in tree form; makes a desirable lawn ornament. Height about 7 feet.

**PANICULATA GRANDIFLORA, TREE FORM.** The same as above, grown on stems from 3 to 5 feet high. Most attractive and desirable. \$1.50 each.

**ARBORESCENS ALBA GRANDIFLORA** (White-Flowered Hydrangea). Resembles the Paniculata in general form and shape of flowers; borne in panicles of pyramidal shape from 5 to 8 inches in diameter and 8 to 10 inches long; changing to a greenish white. One of the best.

## Indian Currant

**CRIMSON-FLOWERED.** A native variety with deep red flowers; blooms early in the Spring. Height 6 feet.

## Japan Quince - Cydonia

**JAPONICA** (Scarlet Japan Quince). One of the best flowering shrubs; flowers a bright scarlet-crimson, borne in great profusion in early Spring; foliage retains its color of bright, glossy green the entire Summer; hardy; makes good hedge plants. Fruits about 2 inches in diameter, yellowish green and hard, resembling a small apple, in late Fall. Height 5 to 6 feet.

## Judas Tree or Redbud - Cercis

**CANADENSIS.** A showy, tall shrub or small tree. All the branches and twigs are covered with a mass of small rosy pink flowers early in the Spring before the leaves appear. Plants 2 to 3 feet high. \$2.00 each.

## Lilac - Syringa

**PURPLE, RED AND WHITE.**

**PERSIAN.** Dwarf-growing with slender branches and narrow leaves. Purple, red and white. \$1.00 each; \$10.00 per doz.

**DOUBLE FRENCH NAMED.** Improved budded sorts. The bushes are stockier, shorter, of slower growth and more treelike than other types. In assortment. \$1.25 each; \$12.50 per doz.

## Mock Orange - Philadelphus

**CORONARIUS** (Garland Syringa). A well known shrub with pure white, very fragrant flowers; one of the first to bloom. Height about 8 ft. \$1.00 each; \$10.00 per doz.

**CORONARIUS var. AUREUS** (Golden-Leaved Syringa). A handsome variety with golden yellow foliage; keeps its color the entire season; is splendid for grouping with other varieties. \$1.00 each; \$10.00 per doz.

## Privet

**CALIFORNIA.** Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, etc. 15c each; \$1.50 per doz.; \$10.00 per 100.

## Plum - Prunus

**TRILOBA** (Double-Flowered Plum). A very desirable addition to the hardy shrubs; flowers double and delicate pink, and thickly set on long, slender branches; blooms in May. Height 5 to 6 feet. \$1.50 each.

## Purple Fringe or Smoke Tree - Rhus

A valuable ornamental shrub; has curious fringe or hairlike flowers that cover the whole tree, giving the appearance of mist or smoke. 8 to 10 feet. \$1.50 each.

## Snowball

**JAPAN.** 6 to 8 feet. Large-growing shrub with soft, heavy leaves; large clusters of white flowers in May, followed by red berries that turn black as they ripen; retains its foliage late.

## Spirea

**ANTHONY WATERER.** A valuable variety; color bright crimson; of dwarf, dense growth never exceeding 30 inches in height; in bloom the entire Summer and Fall.

**VAN HOUTTEI.** This is undoubtedly the most popular of all the varieties; foliage a rich green, changing to beautiful tints in the Fall; in blooming season the bush is a perfect mass of pure white flowers. Height 6 feet.

## Sweet Scented Shrub - Calycanthus

A native species with double purple flowers, very fragrant, and the wood is also fragrant; foliage rich, dark green; blooms in June and at intervals afterward. Height 5 feet. \$1.00 each; \$10.00 per doz.

## Symphoricarpos - Snowberry

Inconspicuous rose colored flowers in June and July, followed by large, clustered, milk-white fruits.

## Tamarix

A beautiful shrub with small leaves, similar to the Juniper; flowers are pink, small and delicate, borne on long spikes; blooms in May. Height 8 to 10 feet.

## Weigela

**CANDIDA.** Flowers pure white, produced in June and continue to bloom nearly all Summer. Height 8 feet. \$1.00 each; \$10.00 per doz.

**EVA RATHKE.** Flowers a brilliant crimson; a beautiful, clear, distinct shade. Height 5 feet. \$1.25 each; \$12.50 per doz.

**ROSEA.** An elegant variety with fine rose colored flowers appearing in June.

## Peonies

**PLANTING.** Avoid planting too deeply, as this is often the cause of shy blooming; 2 or 3 inches of soil over the crown (eyes) being sufficient. The Peony roots we have to offer this season have been growing one year in the field since being divided; therefore, they have an abundance of fibrous roots.

**EDULIS SUPERBA.** Dark pink, even color; large, loose, flat crown when fully open. Very fragrant; upright growth; early bloomer. 50c each; \$5.00 per doz.

**FESTIVA MAXIMA.** Paper-white, crimson markings in center. Very large and full, rose type; very tall, strong growth. Early. 50c each; \$5.00 per doz.

**FELIX CROUSSE.** Very brilliant red. Medium to large, globular, typical bomb shape; fragrant; strong growth. Midseason. 75c each; \$7.50 per doz.

**KARL ROSENFELD.** Large, red, semi-rose type, and slightly fragrant. Early midseason. \$1.25 each; \$12.50 per doz.

**MADAME DUCEL.** Large, globular, typical bomb. Light mauve-rose, with silvery reflex. Fragrant. Strong grower, medium height; very free. Midseason. 75c each; \$7.50 per doz.

**MONSIEUR JULES ELIE.** Early midseason. This is the king of all pink Peonies. Immense globular flowers of glossy lilac-pink, shading to deeper rose at the base. The entire flower is overlaid with a sheen of silver. \$1.00 each; \$10.00 per doz.

**RACHEL.** A splendid ruby-red; medium height; strong, profuse bloomer and semi-rose in type. Midseason. 75c each; \$7.50 per doz.

**PRESIDENT TAIT.** A vigorous, strong grower; a profuse bloomer. The color is a delicate hydrangea-pink, completely enveloped in a halo of angelic white. The fragrance is delicious. It is certainly a glorious, gorgeous flower, very large and double. \$1.25 each; \$12.50 per doz.

## Bulbs and Roots

### Anemone - Windflower

The varieties offered below are charming, hardy flowers. They are suitable for pot or border culture and, when planted in masses, are most effective.

**RED and MIXED.** 15c each; \$1.50 per doz.

### Begonia (Tuberous Rooted)

Enormous waxlike flowers appear uninterrupted from June until frost. Plant bulbs outdoors latter part of May or start indoors any time prior to then.

**DOUBLE.** Pink, red and yellow. 35c each; \$3.50 per doz.

**SINGLE.** Pink, red and yellow. 35c each; \$3.50 per doz.

### Cannas

#### GREEN LEAF VARIETIES

**CRIMSON BEDDER.** As the name indicates, a very popular variety for bedding. Color deep crimson-red. Grows about 3½ feet tall. Foliage green. 25c each; \$2.50 per doz.

**YELLOW KING HUMBERT.** Color of flower a rich, deep yellow, spotted and blotched with bright red. 4 feet. 20c each; \$2.00 per doz.

**PRESIDENT.** Color a rich glowing scarlet. Free bloomer and strong grower. 4 feet. 25c each; \$2.50 per doz.

#### BRONZE LEAF VARIETIES

**KING HUMBERT.** Flowers velvety orange-scarlet flecked carmine, rose tinted at margin and base. 4 to 4½ feet. 20c each; \$2.00 per doz.

**SUSQUEHANNA.** Has beautiful clear old rose-pink flowers. For a border we could not think of any better variety. Grows about 3½ feet tall and has light bronze foliage. 30c each; \$3.00 per doz.

About May 1st we offer some of the above Cannas in 4-inch pots at current prices.

### Caladium

**ELEPHANT'S EAR.** One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other low-growing foliage plants. Large size bulbs, 25c each; \$2.50 per doz. Small size bulbs, 15c each; \$1.50 per doz.

### Ismene Calathina - Peruvian Daffodil

A Summer-flowering bulb, producing large, white, Amaryllis-like flowers. Plant out in June and take bulbs up in October, keeping them for the next season. 15c each; \$1.50 per doz.

### Gloxinia

This is, perhaps, one of the handsomest of Summer-blooming, tuberous-rooted plants and should be grown more by the amateur than it has been. 50c each; \$5.00 per doz.

### Summer Hyacinths

A white Summer-flowering Hyacinth with 20 to 30 bell-shaped flowers. Height 3 to 5 feet. 15c each; \$1.50 per doz.

### Montbretia

This most showy of Summer-flowering bulbs produces numbers of long, graceful spikes of brilliant star-shaped flowers, 1½ to 2 inches across, scarlet, orange and vermillion, dotted and spotted with yellow, purple and maroon. Plant these in clumps of 12 or 15 bulbs set 6 inches apart and they will make a splendid display in your garden.

**MIXED HYBRIDS.** 15c each; \$1.50 per doz.

### Tuberose

Easily recognized by its exquisite fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut flower. If started in warm place in pots, and end of May moved to open ground, can be flowered much earlier.

**DOUBLE DWARF PEARL.** First size bulbs. 10c each; \$1.00 per doz.; \$8.00 per 100.

## Hardy Climbing Vines

Nothing lends such pleasing effect to wall or veranda as the judicious use of vines. The hardy vine is best adapted for covering an unsightly wall or for furnishing shade and ornament to verandas.

### Aristolochia - Dutchman's Pipe

A native species of climbing habit and rapid grower. Started in pots. \$1.25 each; \$12.50 per doz.

### Ampelopsis

**AMERICAN IVY or VIRGINIA CREEPER.** One of the finest vines for covering walls, verandas or trunks of trees; foliage green, turning to a rich crimson in Autumn; a rapid grower and quickly fastens to anything it touches. 50c each; \$5.00 per doz.

**BOSTON IVY.** Leaves smaller than the American; forms a dense sheet of green as leaves overlap each other; is a little difficult to start, but when once established requires no further care; foliage changes to a crimson-scarlet in the Fall; very valuable for covering brick or stone structures, rockeries, walls, etc. Started in pots. 85c each; \$8.50 per doz.

### Bignonia - Trumpet Vine

**RADICANS.** A hardy, high-climbing plant with large, scarlet, trumpet-shaped flowers appearing in August. 50c each; \$5.00 per doz.

### Bittersweet - Waxwork

One of our native climbing plants of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June, followed in the Autumn by bright orange fruit which usually remains on the plant throughout the Winter. Strong plants, 50c each; \$5.00 per doz.; \$40.00 per 100.

### Cinnamon Vine

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. 10c each; \$1.00 per doz.

### Clematis - Virgin's Bower

A beautiful class of hardy climbers, many of the varieties have flowers 5 to 6 inches in diameter. They are very valuable for training around and over pillars, verandas, fences, rock work, etc.

**LARGE-FLOWERED VARIETIES.** \$1.00 each; \$10.00 per doz.

**HENRY.** Flowers creamy white and very large. A free bloomer.

**JACKMAN.** Immense flowers of an intense violet-purple color; bloom continually all Summer. Perhaps the best known Clematis.

**MADAME EDOUARD ANDRE.** Flowers are a beautiful shade of crimson; a free bloomer.

**PANICULATA.** Small, star-shaped flowers completely covering vine. Fragrant. 50c each; \$5.00 per doz.

### Honeysuckle

**HALLIANA (Hall's Japan Honeysuckle).** A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all Winter. 50c each; \$5.00 per doz.

**SCARLET TRUMPET HONEYSUCKLE.** This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. 50c each; \$5.00 per doz.

### Madeira Vine

A valuable climber for porches, arbors, etc. The flowers are white and very fragrant, and the foliage is a beautiful glossy green. 10c each; \$1.00 per doz.

### Wisteria

Woody vines with tightly clinging habit, for pergolas, arbors, trellises, etc., especially ornamental in early Summer when they are resplendent with their large, drooping clusters of fragrant blossoms.

# Gladioli

## Provide Cut Flowers All Summer With Very Little Effort

These have been most popular for many years, and deservedly so. They are of the easiest culture, with a range of color known to no other garden bulb, useful for massing, bordering or shrubbery work, for cutting unexcelled. Any ordinary garden soil suits Gladioli, and with successive plantings from May to August flowers can be had from July until frost. Plant bulbs 4 inches deep and 6 inches apart, cultivate frequently and water freely.

### Six New Gladioli for 1928

**CAPTAIN BOYNTON.** Beautiful lavender with deeper blotch on lower petals; perfectly placed large flowers on tall, strong stem; an excellent variety and early forcer. 35c each; \$3.50 per doz.; \$30.00 per 100.

**ROSE PRECOSE.** Beautiful salmon-rose, slightly ruffled; many well placed flowers open at a time on long, straight stems; may be called "the straight Pink Perfection." 20c each; \$2.00 per doz.; \$16.00 per 100.

**PURPLE GLORY.** The giant of the Kunderdi Glory race, and of remarkable color. Deep velvety maroon-red with almost black blotches as if burned into the petals. Beautifully ruffled. Extraordinary. 25c each; \$2.25 per doz.; \$18.00 per 100.

**MRS. LEON DOUGLAS.** Begonia-rose striped with flame-scarlet, lower petal pale lemon, speckled ruby; tremendously large flowers, many open at a time; very tall, strong stem with several side shoots, the whole forming a gigantic bouquet; considered the largest Glad in existence. 25c each; \$2.25 per doz.; \$18.00 per 100.

**MRS. RICHARD LOHRMAN.** Creamy shell-pink, lower petal pale yellow; very large, heavily ruffled flowers on long, sturdy stems; a decorative variety of indescribable beauty. 30c each; \$3.00 per doz.; \$20.00 per 100.

**TRUDEL GROTZ.** Glowing salmon-pink with small red blotch in throat, giving the whole a warm, striking appearance; enormous flowers on strong, tall stem; very good grower and propagator. 30c each; \$3.00 per doz.; \$20.00 per 100.

### Red Shades

**EMPRESS OF INDIA.** Rich dark maroon. 15c each; \$1.50 per doz.; \$10.00 per 100.

**LOVE FIRE.** Dazzling scarlet, perfectly glazed flower on long stem. 15c each; \$1.50 per doz.; \$10.00 per 100.

**MRS. FRANCIS KING.** Brilliant vermilion-scarlet. Most popular and effective variety for all occasions. First size bulbs, 10c each; \$1.00 per doz.; \$6.00 per 100.

**WAR.** Deep blood-red, shaded crimson-black. A leader among the large reds. 12c each; \$1.25 per doz.; \$8.75 per 100.

**PROSERPINE.** Wine-red, very striking color. 10c each; \$1.00 per doz.; \$7.50 per 100.

**RED CANNA.** Deep scarlet-red, large flowers, many open at a time. Late bloomer. 12c each; \$1.25 per doz.; \$8.75 per 100.

**MRS. WATT.** American Beauty shade. 12c each; \$1.00 per doz.; \$8.00 per 100.

### Pink Shades

**AMERICA.** Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink; glistening in the sunlight as if sprinkled with diamond dust. A touch of Tyrian rose ornaments the throat. Strong grower, free bloomer, tall, well furnished spike. 7c each; 60c per doz.; \$4.50 per 100.

**EVELYN KIRTLAND.** One of the world's finest varieties. Tall, straight, vivid rose-pink shading to beautiful shell-pink in the center. Lower petals blotched red. In every way a perfect variety. 12c each; \$1.25 per doz.; \$8.00 per 100.

**HALLEY.** Delicate salmon-pink, with a slight roseate tinge, the lower petals bear a creamy blotch with a stripe of bright red through the center. 10c each; \$1.00 per doz.; \$6.00 per 100.

**MARSHAL FOCH (Kunderdi).** Salmon-pink with small red blotches in throat. Giant flower slightly ruffled. 25c each; \$2.00 per doz.; \$15.00 per 100.

**MRS. FRANK PENDLETON.** Of the largest size and most exquisite color. Delicate flushed salmon-pink with rich maroon blotch on the three lower petals. 10c each; \$1.00 per doz.; \$7.50 per 100.

**MRS. H. E. BOTHIN.** Light geranium-pink, heavily ruffled, scarlet center. 15c each; \$1.50 per doz.; \$11.00 per 100.

**PANAMA.** Very large flowering, deep pink. 10c each; \$1.00 per doz.; \$6.00 per 100.

**PRINCE OF WALES.** The flowers are large and well placed and the color is a most charming coral-pink. It is a sport of "Halley," but larger and of taller growth and also somewhat earlier. The delicate tint is practically without throat markings. 12c each; \$1.25 per doz.; \$8.00 per 100.

**ROSE ASH.** Old rose overlaid and blended with pink and red, giving the color of ashes of roses, hence its name; large flowers on tall, strong spikes; very attractive. 15c each; \$1.50 per doz.; \$11.00 per 100.

### White Varieties

**MARY PICKFORD.** Creamy white throat, soft sulphur-yellow. 15c each; \$1.50 per doz.; \$11.00 per 100.

**MRS. DR. NORTON.** Large white flowers, the edges suffused with soft pink. The lower petals have a blotch of sulphur yellow stained with fine specks of pink. 12c each; \$1.25 per doz.; \$8.75 per 100.

**PEACE.** Very large, nearly white, with pale violet feathering on lower petals; flowers correctly placed on a tall, graceful spike. 10c each; \$1.00 per doz.; \$6.00 per 100.

**WHITE GIANT.** Tall, immense, pure white flower. Strong, healthy grower. Its shape resembles an Easter Lily. 18c each; \$1.75 per doz.; \$13.50 per 100.

### Blue Shades

**ANNA EBERIUS.** Dark velvety purple, throat deeper. Slightly ruffled. 12c each; \$1.25 per doz.; \$8.25 per 100.

**BARON HULOT.** Full round flowers of rich, velvety purple-violet, lighter in the throat, a small golden rib through the lower petals is contrastingly effective; splendid, tall, well furnished spike. 15c each; \$1.50 per doz.; \$9.50 per 100.

**BYRON L. SMITH.** Lavender-pink on white ground—equal to that of a very fine Cattleya orchid. Exceedingly fine as a cut flower. 18c each; \$1.75 per doz.; \$13.50 per 100.

**HERADA.** Massive large blooms of a pure glistening mauve with deeper markings at throat. 10c each; \$1.00 per doz.; \$7.00 per 100.

### Yellow Shades

**SCHWABEN.** Clear canary-yellow, shading to soft sulphur. Largest flower stalk and leaves of all. Planted 7 or 8 inches apart in rich soil produces wonderful blooms. 16c each; \$1.00 per doz.; \$6.50 per 100.

**AUTUMN QUEEN.** Cream-yellow; upper petals suffused with peach blossom pink; lower petals striped carmine-red. Extra fine late bloomer. 10c each; \$1.00 per doz.; \$6.50 per 100.

**GOLDEN MEASURE.** Fine orange-yellow, flowers large, well arranged on a tall, strong spike. 20c each; \$1.60 per doz.; \$12.00 per 100.

**ROMANCE.** Large orange, salmon, rose, red and yellow throat, wine-blue bordered petals. 15c each; \$1.50 per doz.; \$11.00 per 100.

**TWILIGHT.** Creamy buff, edge of petals flaked with pink, throat primrose-yellow and pink; ruffled. 25c each; \$2.00 per doz.; \$17.50 per 100.

**GIANT-FLOWERED MIXED.** A mixture of the best Giant-flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. One of the most satisfactory mixtures of Gladioli obtainable and one that is sure to give satisfaction. 6c each; 50c per doz.; \$3.50 per 100.

### Primulinus Hybrid Gladiolus

These are quite distinct from the usual run of Gladioli, being of more slender growth, the orchid-like flowers set airy on the slender yet strong spikes, the range of colors is brilliant and beautiful and planted in fair sized groups in the garden make a very showy display, but it is as cut flowers that their grace and wonderful coloring show to best advantage.

**ALICE TIPLADY.** Rich orange-saffron. 12c each; \$1.25 per doz.; \$8.75 per 100.

**MAIDENS BLUSH.** Delicate shell-pink. 10c each; \$1.00 per doz.; \$6.50 per 100.

**MYRA.** Rich salmon or yellow ground. 12c each; \$1.25 per doz.; \$8.75 per 100.

**SOUVENIR.** Pure golden yellow. 12c each; \$1.25 per doz.; \$10.00 per 100.

# Field Grown Dahlia Roots

**Culture.** The Dahlia will succeed in most soils, but a light, sandy loam, well drained, is preferable to a heavy loam soil. An open, sunny location is much superior to a shady one. Constant cultivation is one of the most important operations for success with Dahlias. Never allow the top of the soil to bake. Keep the soil around your plants cultivated, especially after every rain. Stir deeply at first, until buds appear, after which lighter cultivation is advised.

Plant the tubers 5 inches deep and 3 feet apart, lay flat, don't stand them upright, cover an inch or so, and add covering after sprout appears. Tie them to a stout stake, and only permit two sprouts to grow. Remove all others, or you get too much plant and no flowers.

A LITTLE BOOK OF MODERN DAHLIA CULTURE.  
W. N. Waite. \$1.50.

## Dahlia Novelties of Special Merit

**DADDY BUTLER.** Cactus. The color is American Beauty Rose shades or rosy carmine. The reverse of the petals, which are tightly rolled, is lighter, giving a variation of color. A heavy producer and a long keeper with a perfect stem. \$1.50 each; \$15.00 per doz.

**ESTHER HOLMES.** Cactus. Very striking, some of the flowers are orange edged white, others pure orange, and others a variation of white and orange, all on the same bush. \$1.00 each; \$10.00 per doz.

**EMPEROR.** Cactus. Wonderful shade of rich purplish garnet; finely formed flowers on long wiry stems; the twisted and curled petals showing the beautiful combination of color make this an unusually attractive variety. \$1.50 each; \$15.00 per doz.

**JERSEY'S BEAUTY.** Decorative. True, pure pink decorative; the outer petals curling all the way back to the stem, giving it extra depth. Long, stiff stems hold the blooms perfectly erect. \$1.50 each; \$15.00 per doz.

**JUDGE MAREAN.** Decorative. A pleasing shade of cream heavily suffused with pink. \$1.00 each; \$10.00 per doz.

**LE TOREADOR.** Decorative. A very fine crimson that stands at the head of its class. A very free bloomer, with long wiry stems and an excellent keeper. \$1.00 each; \$10.00 per doz.

**MARIPOSA (Hybrid Cactus).** A delightful shade of orchid-pink which is intensified by a deeper center, with a violet suffusion. One of the gigantic Californian introductions which has depth as well as diameter of flower. Blooms early and continues in good shape until the end of the season. \$1.50 each; \$15.00 per doz.

**MYRA VALENTINE.** Decorative. Large flowers of golden bronze on long, stiff stems. This flower has won many prizes for best vase of Autumn colored dahlias at various Eastern Shows. \$2.00 each; \$20.00 per doz.

**MRS. CARL SALBACH.** Decorative. One of the best for exhibition purposes, and is also in great demand as a cut flower; immense blooms of a lavender-pink color, on long, strong stems. 50c each; \$5.00 per doz.

**SAGAMORE.** Decorative. Light saffron-yellow with glowing golden suffusion. A good free bloomer with flowers which are particularly prized for cutting. \$2.00 each.

**MRS. I. de VER WARNER.** Decorative. Large, perfect flowers of a deep mauve-pink, on stout stems. An extra robust, healthy grower and free bloomer. \$1.00 each; \$10.00 per doz.

## Decorative Type

The Decorative types are characterized by gracefully formed flowers of large size with broad petals, being intermediate in form between the compact Show sorts, which are nearly round, and the Cactus varieties, which have loosely formed blossoms with long, twisted petals.

**CHAS. STRATTON.** Pale gold, shaded and tipped with old rose. A strong grower. Each, \$2.50.

**FAKEL.** Autumn color. 35c each; \$3.50 per doz.

**FIREBURST.** Brilliant scarlet-red flowers borne on stems of good length for cutting. 40c each; \$4.00 per doz.

**GERTRUDE MANDA.** Lovely peachblow shade; long, graceful stems with medium sized flowers. 25c each; \$2.50 per doz.

**JEAN KERR.** Creamy white, best white cut flower obtainable. 50c each; \$5.00 per doz.

**J. GARDNER CASSATT.** Immense rose-pink; free bloomer on long stems. 25c each; \$2.50 per doz.

**JOSEPH MANDA.** A fine dark red. 50c each; \$5.00 per doz.

**MINA BURGLE.** Brilliant deep scarlet; as a bloomer it has few equals; as a cut flower it has no superior; as a red Decorative it has no competitor. 25c each; \$2.50 per doz.

**MINNIE McCULLOUGH.** Soft, golden yellow; tipped bronzy red. 25c each; \$2.50 per doz.

**OREGON BEAUTY.** Large, long stemmed light red. Each, 35c; doz., \$3.50.



Decorative  
Dahlia.

**PATRICK O'MARA.** The color is an unusually soft and pleasing shade of orange-buff slightly tinged salmon-red. Each, 75c; \$7.50 per doz.

**PURITY.** A very clear white, good size. 25c each; \$2.50 per doz.

## Cactus Type

**ATTRACTION.** Lilac-rose; petals beautifully curled. Each, 75c; \$7.50 per doz.

**COUNTESS OF LONSDALE.** Apricot shaded salmon-red. An early, very attractive cactus variety. 35c each; \$3.50 per doz.

**EFFECTIVE.** Orange-scarlet with apricot suffusion; one of the Autumn tints; flowers very large on good stems for cutting; free, early and continuous bloomer. 25c each; \$2.50 per doz.

**ETENDARD DE LYON.** Carmine-rose, a charming color: curly, wavy petals; a giant with long, graceful stems. A gorgeous flower. 50c each; \$5.00 per doz.

**GLADYS SHERWOOD (Hybrid Cactus).** Pure glistening white; profuse bloomer. Flowers 10 inches in diameter. \$1.00 each; \$10.00 per doz.

**MARGUERITE BOUCHON.** Soft rose with white tips and center; straight petals. Medium size but of perfect form and habit. A universal favorite. 50c each; \$5.00 per doz.

**RHEINKONIG.** Pure snow-white flowers of fine form. Splendid for cutting. 25c each; \$2.50 per doz.

**STANDARD BEARER.** Fiery scarlet, free bloomer. Each, 25c; \$2.50 per doz.

## Show Type

**A. D. LIVONI.** Soft pink; extra fine, free bloomer. 25c each; \$3.00 per doz.

**CHAS. LANIER.** The largest deep yellow. Very rich yellow and fine for cutting. 25c each; \$2.50 per doz.

**DR. KIRKLAND.** Dark crimson; very large and full. 25c each; \$2.50 per doz.

**IMPERIAL.** Deep purplish maroon; good stem. 25c each; \$2.50 per doz.

**MAUDE ADAMS.** A pure snowy white, very effectively overlaid clear delicate pink. One of the finest of the new Show Dahlias. 25c each; \$2.50 per doz.

**ROYAL PURPLE.** Rich deep purple. Flowers only of medium size but are abundantly produced. 25c each; \$2.50 per doz.

**YELLOW DUKE.** A vigorous grower with large, clear canary-yellow flowers; quilled petals. 25c each; \$2.50 per doz.

## Double Dahlias

Double Dahlias, un-named, in orange, pink, purple, red, white and yellow. 15c each; \$1.50 per doz.

## Pompon Dahlias

These dainty little gems are admired by everybody, and are deservedly rapidly growing in popular favor. They bloom most profusely from early in the season until frost, furnishing at all times an abundance of perfect flowers on good stems suitable for cutting.

**BRONZE BEAUTY.** Bronze shaded dark orange; very good. 25c each; \$2.50 per doz.

**CATHARINE.** Canary-yellow. 25c each; \$2.50 per doz.

**ROSE BUD.** Clear rose pink. 25c each; \$2.50 per doz.

**SNOW DRIFT.** Pure white, compact form. 25c each; \$2.50 per doz.

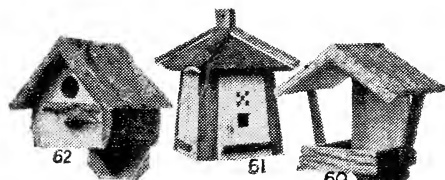
**SUNBEAM.** Crimson scarlet, good stem. 25c each; \$2.50 per doz.

**WINIFRED.** White tipped lavender. 25c each; \$2.50 per doz.

# Lohrman's Rustic Bird Houses

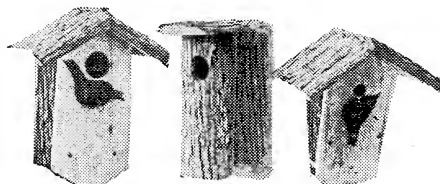
## PUT BIRD HOUSES IN PLACE EARLY

Birds in your garden will prove a source of never-ending interest and pleasure, and they are immeasurably valuable as well in the destruction of insect pests. Give them homes to live in. Feed them. Our Bird Houses, we believe, are the very best in the U. S. A.



Bluebird Wren Robin

\$1.75 each; 3 for \$5.00.



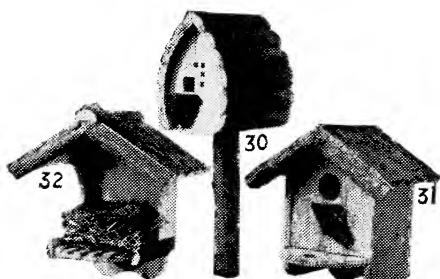
No. 21 No. 25 No. 23  
Bluebird Downy Woodpecker Wren

\$1.75 each; 3 for \$5.00.



No. 11 No. 12 No. 13  
Wren Houses

\$1.75 each; 3 for \$5.00.

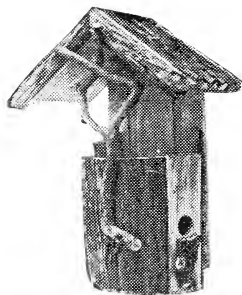


No. 32 No. 30 No. 31  
Robin Wren Bluebird

\$1.75 each; 3 for \$5.00.

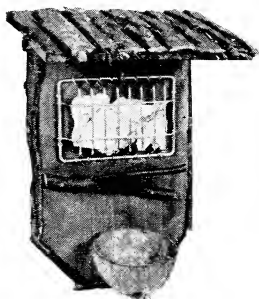
All the houses are interchangeable. You need not order a straight set. Your order may be for No. 60, No. 12, No. 21, and always will go for the same price, "three for \$5.00." Or if you wish you can order three of one kind, and price will be the same. We wish you would order by number and not cut up your catalog.

If wanted by parcel post, add postage. Weight of three houses is ten pounds.



No. 63—Combination Robin-Wren House.

Price, \$2.00.



Rustic Feeder.

Price, \$2.00.



No. 14—Interchangeable Wren or Bluebird House.

Price, \$2.00.

It is sometimes called the Robin Pulpit, and below is a cute Wren house with one inch doorway, so sparrows cannot enter. This combination Robin-Wren was suggested by the birds themselves, for fifteen years ago at my other shop, Cedar Brook, we had a Wren house high up under the eaves. It had a rather flat roof and behold, a Robin built his nest right on top. They had young at the same time and lived amiably. Besides this it can be used for Winter feeding.

Place suet in upper receptacle, grain or bread crumbs in coconut shell at base of feeder. A very ornamental feeder.

This House has a most ingenious arrangement by which it can be made suitable for Wren or Bluebird. Note the brass screws in movable "slablet." It is intended as a hanging house, but can also readily be fastened on pole. Set it early for Bluebirds and if you do not succeed in attracting Bluebirds, you have a chance for Wrens, as they arrive a full month later.

**If Wanted By Parcel Post, Add Postage. Weight of Each of the Above, 4 Lbs.**

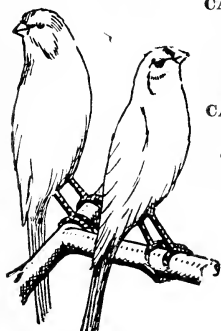
# BIRD, DOG AND FISH SUPPLIES

## Birds and Supplies

**CANARY BIRDS.** We carry in stock Hartz Mountain and St. Andreasburg Rollers. Male, guaranteed singers—write for prices. Females—write for prices.

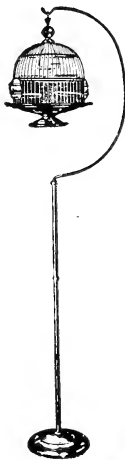
**LOVE BIRDS (or Parakeets).** Green and yellow shell. Per pair—write for prices.

**PARROTS.** Panama yellow and red head. Write for prices.



**CANARY SEED** (Plain Sicily). Recleaned and of splendid quality. Per lb., 15c; 40c per 3 lbs., 10 lbs., \$1.20.

**CANARY SEED** (Mixed). A mixture of the finest quality Rape and Canary, and in proper proportion. Per lb., 15c; 40c per 3 lbs.; 10 lbs., \$1.20.



## Bird Filling Stations

Patented July 13, 1926.

Feed the birds and have them protect your trees, shrubs and garden.

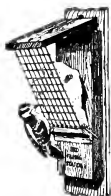
### AUTOMATIC IMPROVED

Suet always clean and accessible to last particle.

For smallest home or largest estate. Every home should have several.



Pat. No. 1592493  
No. 1.  
price \$1.50  
No. 1 to hang from tree or bracket.



Pat. No. 1592492  
No. 2.  
price \$1.25  
For window casings, porch columns, etc.

**SAND.** Silver, fine. Pkg., 15c.

**BIRD MANNA.** Keeps canary birds in prime condition and prevents the loss of song. Pkg., 15c.

## Dog Remedies and Supplies

"OLD TRUSTY" SUPREME DOG FOODS

In Bulk or Carton

A 5-lb. Bag of "Old Trusty" All Terrier Food will convince you of the high food value of "Old Trusty's" Products. Price, 75c.

Send for free Booklets on feeding and care of Dogs.

## Justrite Bird Remedies

### ASTHMA.

Bird Bitters .....\$0.25  
Bird Jelly ..... .15  
Song Restorer ..... .25

### BALDNESS.

Balm ..... .25

### CATARH OR COLD.

Bird Bitters ..... .25  
Iron Tonic ..... .25

### CONSUMPTION.

Iron Tonic ..... .25  
Song Restorer ..... .25

### CRAMP.

Iron Tonic ..... .25

### DIARRHOEA.

Color Pepper ..... .25

### FITS.

Bird Tonic ..... .25

### HOARSENESS.

Song Restorer .....\$0.25  
Bird Tonic ..... .25

### INFLAMMATION.

Bird Tonic ..... .25

### LICE.

Lice Powder ..... .15  
Cage Cleaner ..... .25  
Bird Wash ..... .25

### LONG BILL.

Honey Roll ..... .15  
Cattle Bone ..... .05

### MOULTING.

Moulting Food ..... .25  
Color and Pepper ..... .25  
Bird Bitters ..... .25

### SORE FEET.

Balm ..... .25

## Spratt's

DOG CAKES FOR ALL BREEDS

SPRATT'S DOG MEDICINES

Spratt's Cooling and Alternative Tablets.  
Spratt's Tonic and Condition Tablets.  
Spratt's Anti-Vomit Tablets.  
Spratt's Eye Lotion Tablets.  
Spratt's Cough Tablets.  
Spratt's Kidney Tablets.  
Spratt's Constipation Tablets.  
Spratt's Liver Tablets.  
Spratt's Worm Capsules for Puppies.  
Spratt's Liniment.  
Spratt's Worm Capsules. Kennel size.  
Spratt's Mange Medicine, 75c.  
Spratt's Distemper Tablets, \$1.00.

## Goldfish and Supplies

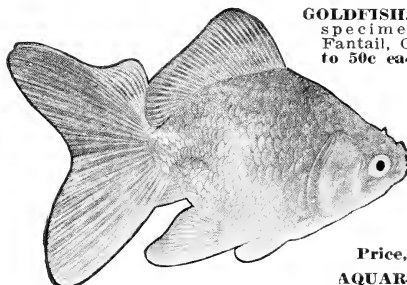
**GOLDFISH.** Fine, healthy specimens. American Fantail, Comets, etc. 15c to 50c each.

**FISH GLOBES AND AQUARIUMS.** 25c to \$3.00 each.

**FISH FOOD.** Natural. pkt., 15c. Wafer, pkt., 10c.

**SEA SHELLS.** Price, 15c per box.

**AQUARIUM CEMENT, DIP NETS, MERMAIDS, AQUARIUM PLANTS** (In Season). Send for booklet on fish.



**SUNFLOWER SEED.** We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article. 15c per lb.; 40c per 3 lbs.; 10 lbs., \$1.20.

**HEMP SEED.** Birds are very fond of this seed; it is rich and should be fed with discretion. Lb., 15c; 3 lbs., 40c; 10 lbs., \$1.20.

**RAPE SEED.** Will keep the birds in excellent condition; feed with canary seed. Lb., 15c; 3 lbs., 40c; 10 lbs., \$1.20.

**MAW SEED.** Calculated to improve the song of canaries, etc. ¼ lb., 10c; lb., 25c; 5 lbs., \$1.10.

**MILLET SEED (Imported).** Recleaned seed; nutritious and appetizing. Lb., 15c; 3 lbs., 40c; 10 lbs., \$1.20.

**UNHULLED RICE.** Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.35.

**CUTTLE FISH BONE.** Good for digestion and general health. Each, 5c; 20c per ¼ lb.; per lb., 60c.

**SONG RESTORER.** For canaries. Revives the desire to be lively and sing more lustily. Price, 15c per box.

## Books on Garden Subjects at Popular Prices

### All Cloth Bound

**AMATEUR'S GARDEN GUIDE.** 384 pages and over 275 teaching illustrations covering vegetable, flower and fruit gardens as well as the grounds around the home. Treats on every step, from spading the ground to preserving the harvest. Price, \$1.00; postpaid, \$1.10.

**ANNUALS, A LITTLE BOOK.** By A. C. Hottes. Over 100 species described in detail, including uses, culture, and season of bloom. Illustrated. Price, \$1.00; postpaid, \$1.10.

**CLIMBING PLANTS, A LITTLE BOOK.** By A. C. Hottes. The only book obtainable containing all climbing plants, of whatsoever nature, in one volume. Freely illustrated. 250 pages. Price, \$1.25; postpaid, \$1.35.

**BULBS THAT BLOOM IN THE SPRING.** Price, \$2.00. GARDEN GUIDE. Price, \$1.50.

**PERENNIALS, A LITTLE BOOK.** By A. C. Hottes. Devoted to the general principles of growing, using, and propagating over 125 species of perennials. Liberally illustrated. Price, \$1.00; postpaid, \$1.10.

**1001 GARDEN QUESTIONS ANSWERED.** A guide book of 320 pages copiously illustrated. Covers questions asked on the flower, vegetable and fruit garden. Price, \$1.50; postpaid, \$1.60.

**GARDEN ROSES.** How to make them grow and bloom. By J. Horace MacFarland. Paper cover. Price, 25c.

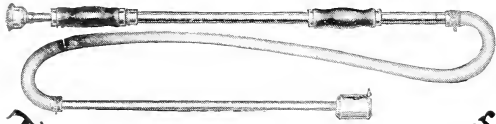
**FRUITS.** For the home Grounds. By U. P. Hedrick. Paper cover. Price, 25c.

**HOME GROUNDS.** Their Planning and planting. By Liberty H. Bailey. Paper cover. Price, 25c.

## Spray Pumps

Brown Auto Spray No. 5

*It's Double Acting*

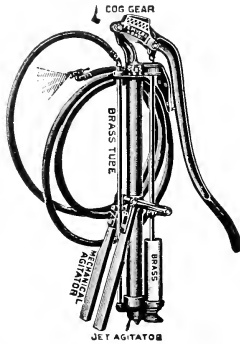


*The Same Spray With Half The Labor*

Used with either a pail or barrel. \$5.50.  
Galvanized Tank for Auto Spray No. 5. \$3.00.

### No. R305B Barrel Spray Pump

This pump meets every requirement for spraying, white-washing, etc. Will develop ample pressure for use with two nozzles. Pump is constructed with both mechanical and jet agitators, and patented cog gear, which materially lightens the labor in operating. Equipped with one lead of 15 feet of ½-inch, 5-ply discharge hose, and graduating Vermorel nozzle. Bordeaux instead of Vermorel nozzle supplied at option. \$17.50.



### Portable Sprayer Myers No. R337B

A general purpose orchard, field and whitewash sprayer. The tank has a capacity of 15 gallons and is securely attached to the wheel frame. The pump itself is on the principle of the force pump and being equipped with the patented cog gear will readily generate a pressure of 150 pounds to the square inch. Equipped with 15 feet of ½-inch, 5-ply discharge hose, dasher agitator, 8-foot extension with a cut-off, and Vermorel nozzle. Furnished with double wheel for inside work at same price. \$28.00.

### Spray Pump Nozzles

BORDEAUX, \$1.25. SIMPLEX, \$1.00. VERMOREL, \$1.00.

### Auto Spray No. 1

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes.

Brass Tank. \$9.00.

Galvanized Tank. \$6.50.

Two-row attachment for spraying two rows at one time. \$1.50.

Two feet of brass extension pipe. 80c.

Brass elbows for spraying under vines. 50c.

Brass strainer for straining solution. \$1.50.

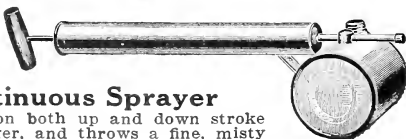
One set of soft parts, washers, etc. 35c.

Auto-Pop nozzle. \$1.50.



### Continuous Sprayer

Operates on both up and down stroke of the plunger, and throws a fine, misty spray. Will handle any solution, and can be operated at any angle. Capacity one quart. Brass, \$1.25. Other styles, 50c to \$1.35.



## Dry Dusters

### The Acme Bellows Duster

Recommended for Both Hill and Row Dusting.

The largest, lightest and most powerful hand duster made. Weighs only 16 lbs. and holds 25 lbs. of average dust. Dusters truck crops at an average walking speed, and dusts the under side of leaves. Ten different adjustments for amount of dust delivered. Positive dust grinding feature. No cogs, gears, or other delicate parts. All straight lever action. Feeds the same quantity whether completely or partially full. Equipped with a funnel-shaped hood for use with nicotine dust on either rows or hills. \$20.00.



### Niagara Hand Duster

(Brush Feed).

Recommended for Row Dusting.

A free running, easy cranking machine. Discharge can be controlled to a given number of pounds per acre. Feeds the same quantity whether completely or partially full. Capacity 7 to 10 pounds. \$22.00.

TWO-ROW ATTACHMENT. \$2.00.

## Planet Jr. Garden Tools

### NO. 3 PLANET JR. HILL AND DRILL SEEDER

Holds 3 quarts of seed. A favorite among onion growers and market gardeners. \$17.50.

### NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Holds 2½ quarts. Steel driving wheel. Weight, complete, 50 lbs. Equipment: One pair of 6-inch hoes, three cultivator teeth, one garden plow, one leaf guard, one marker; all oil tempered. \$18.00.

NO. 4D. As a seeder only. Weight 40 lbs. \$14.25.

### NO. 13 PLANET JR. DOUBLE AND SINGLE WHEEL HOE COMBINED

Packed weight, 28 lbs. Equipment: One pair of 6-inch hoes, oil tempered. Steel frame. 14-inch steel wheels. \$8.00.

### NO. 18 PLANET JR. SINGLE WHEEL HOE

Packed weight, 19 lbs. Equipment: One pair 6-inch hoes, oil tempered. Double wheel arms. \$5.75.

### NO. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Holds 2½ quarts. Weight, complete, 61 lbs. It combines in a most practical way the Planet Jr. No. 4 Drill and No. 12 Double and Single Wheel Hoe. Equipment: One pair of 6-inch hoes, four cultivator teeth, one pair plows, two leaf guards, one marker; all oil tempered. \$21.50.

### NO. 26 PLANET JR. DRILL SEEDER

No. 1—Wide tread wheels needed on muck and other soils. No. 2—Index unusually accurate, arranged for principal seeds. No. 3—Hopper capacity four quarts. Removed by unscrewing one wing nut. \$15.00.

### NO. 230 PLANET JR. FERTILIZER DISTRIBUTOR

Saves time, Labor—Produces Bigger Crops.

Will distribute fertilizer on one, two or three rows, at option of operator. \$27.00.

### Cultivating Attachments for Planet Jr. Wheel Hoes

S100-S101 6-INCH HOES, Pair	\$1.30
1395 CULTIVATOR TEETH, Each	.35
LANDSIDE PLOW, For Single Wheel Hoes	1.50
PAIR PLOWS, For Double Wheel Hoes, Per pair	1.50
DISC HOES, Per pair	3.50
HANDLES, Pair	1.00

# Insecticides and Fungicides

**Insects That Suck the Juices From Plants, Foliage, etc.,** such as lice, green, black and white aphids or fly, mealy bug, red spider and scale, thrust their probosces into the leaf or stem, and are not affected by stomach poisons; so they must be destroyed by contact insecticides. Those in powder form kill by the breathing pores in the insect's skin; or in liquid form, by being absorbed through their pores. The best contact insecticides in powder form are Hellebore, Slug Shot, and Nicotine Dust. The best in fluid form are Aphine, Nicotine, and Fish (Whale) Oil Soap.

**Insects That Eat Plants, Foliage, Vegetables, Flowers, etc.,** whether bugs, beetles, worms, caterpillars or slugs, are more quickly and effectually destroyed with a poisonous stomachic insecticide such as Arsenate of Lead, Paris Green or Hellebore. These, if applied according to directions, are so diluted as to be harmless to vegetation and to animal life.

**ALL ROUND SPRAY.** The latest improvement in the insecticide field: one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular.  $\frac{1}{4}$  lb., 35c; lb., 85c.

**APHINE.** Destroys plant lice, aphids, red spider, etc. Use from 2 to 4 tablespoonfuls to one quart of water. (Not mailable).  $\frac{1}{2}$  pt., 35c; pt., 60c; qt., \$1.00; gal., \$3.00.

**ANTROL.** A recently discovered method that is most effective for the control of all honey-dew loving ants. Cottage Set consisting of 9 small glass jars and supply of Antrol syrup. (Not mailable). Circular upon request. \$1.90. Extra jars, 20c each. Pint bottle of syrup, \$1.00; gal., \$4.00.

**APHISTROGEN.** Makes a complete spray for most sucking insects; prepared especially for roses and other plants. 4 ozs., 75c;  $\frac{1}{2}$  lb., \$1.25; 2 lbs., \$3.50; 12 lbs., \$15.00.

**ARSENATE OF LEAD, DRY.** May be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur solution, or Bordeaux; only half the weight is needed as of the paste form. Use 2 to 3 tablespoonfuls to one gallon of water.  $\frac{1}{2}$  lb., 30c; lb., 50c; 4 lbs., \$1.50; 8 lbs., \$2.75; 24 lbs., \$8.25; 48 lbs., \$14.00; 100 lbs., \$25.00.

**BORDEAUX MIXTURE, DRY.** For blight, mildew, rust, etc. It has all the advantages of paste with double the strength. Goes twice as far. Used for dry dusting or wet spraying. Dilute one pound to about 6 gallons of water or use 12 tablespoonfuls to one gallon of water. Lb., 35c; 4 lbs., \$1.25; 24 lbs., \$5.00; 48 lbs., \$9.00; 100 lbs., \$16.50.

**BLACK LEAF 40.** For plant lice, thrips, aphids and red spider. Indispensable for roses and sweet peas. One ounce will make six gallons of spray material. Oz., 35c;  $\frac{1}{2}$  lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.95.

**CALCIUM ARSENATE POWDER.** Lb., 50c; 4 lbs., \$1.60.

**CYANOGAS (Calcium Cyanide, Grade A).** For the destruction of ground moles, woodchucks, rats and other rodents. Lb., 75c. (Not mailable).

**CYANOGAS (Calcium Cyanide, Grade G).** Greenhouse fumigant, gives complete control over white fly, aphids, soft scale and thrips. Easily applied, not injurious when used according to directions. Dosage:  $\frac{1}{4}$  oz. to 1000 cu. ft. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00. (Not mailable).

**DRY LIME-SULPHUR.** For dormant spray, 14 pounds to 50 gallons of water; for Summer spray, 3 pounds to 50 gallons of water. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.25; 25 lbs., \$4.50; 50 lbs., \$8.00; 100 lbs., \$15.00.

**EVERGREEN (Non-Poisonous Insecticide).** This non-poisonous spray material has been found very effective against practically all the common garden insects. Evergreen has several distinct advantages over ordinary insecticides in that it is: **Non-Poisonous**—Harmless to man, birds and animals, but kills insects. **Does Not Burn**—Can be used on tender crops and in the greenhouse. **Easy to Use**—Readily mixed with water by stirring. Constant agitation is not necessary and will not clog sprayers. Directions on the bottle.  $1\frac{1}{2}$ -oz. bottle, 35c; 6-oz. bottle, \$1.00; 16-oz. bottle, \$2.00; 32-oz. bottle, \$3.85; gal., \$13.00.

**FUNGITROGEN.** A most effective and scientific preventative and remedy for mildew, black spot and other fungoid diseases of roses. Will not discolor the foliage. Pt., \$1.25; qt., \$2.00;  $\frac{1}{2}$  gal., \$3.50; gal., \$6.00. (Not mailable).

**FISH OIL SOAP.** A wash for insects and eggs on the bark, and for smearing the trunks of trees to prevent worms from crawling up. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

**FLOWERS OF SULPHUR.** For mildew on plants. Lb., 10c; 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.50.

**FUNGINE.** A remedy for fungus. Use one part to from 35 to 50 parts of water. Qt., \$1.00; gal., \$3.00.

**GRAFTING WAX.**  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; lb., 40c.

**GARDEN GUARD.** A combination insecticide and fungicide for use on vegetable plants and flowers. Dry. Lb., 25c.

**INSECTROGEN.** A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf-chewing insects, and an equally efficient detergent for black spot on roses, and mildew and red spider on phlox.  $\frac{1}{2}$  pt., \$1.00; pt., \$1.75; qt., \$2.75;  $\frac{1}{2}$  gal., \$4.50; gal., \$8.00. (not mailable).

**LIME-SULPHUR SOLUTION.** The standard remedy for San Jose and Oyster Shell scale. Use one part to nine parts of water while trees are dormant. As a Summer spray use one part to 35 parts of water. Qt., 50c; 2 qts., 75c; gal., \$1.15; 5 gals., \$4.00; 30 gals., \$12.00; 50 gals., \$15.00.

**MAG-O-TITE.** Protects crops against the ravages of the root maggot and other garden pests; also eradicates earthworms. 2 lbs., 40c; 4 lbs., 65c; 8 lbs., \$1.10; 25 lbs., \$3.00.

**MELROSINE.** Definite death for rose insects. One pint to 2½ gallons of spray. (Not mailable). Trial size, 50c; pt., \$1.00; qt., \$1.75;  $\frac{1}{2}$  gal., \$3.25; gal., \$6.00.

**NICO-FUME TOBACCO PAPER.** A paper strongly saturated with pure nicotine. One sheet for 2000 cu. ft. 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.

**NICO-FUME LIQUID.** Use one part to 500 parts water; one tablespoonful to 1½ pints of water. (Not mailable).  $\frac{1}{4}$  lb., 75c; lb., \$2.25; 4 lbs., \$7.50; 8 lbs., \$14.00.

(Weight about 8 pounds to the gallon).

**NICO-FUME POWDER FUMIGATOR.** Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 1-lb. tin, \$1.25; 5-lb. tin, \$4.00; 10-lb. tin, \$7.50.

**NIAGARA D-18 DUST** positively prevents blight on your crops; also is 100 per cent effective against chewing insects such as potato bugs, cabbage and tomato worms. Use early in the morning when the air is calm and the dew is on the leaves. 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.75; 50 lbs., \$8.25; 100 lbs., \$12.50.

**NIAGARA P-A NICOTINE DUST (4% actual Nicotine).** Destroys lice or aphids on cabbage, cauliflower, kale and all other vegetables by its fumes. This dust will kill both the cucumber beetle and the squash stink bug. We recommend when dusting with P-A Nicotine Dust using either a funnel-shaped hood on the spout of the duster for hill dusting, or a cloth drag for row dusting. 5 lbs., \$2.00; 10 lbs., \$3.25; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$21.00.

**PARADICHLOROBENZINE.** For peach tree borer. Directions on container. Lb., 75c.

**PARIS GREEN.** Kills bugs, worms and slugs. Used as powder, mix one part to 100 parts of flour; or in solution one pound to 200 to 300 gallons of water. (Not mailable).  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 65c; 5 lbs., \$2.50; 14 lbs., \$6.00.

**POMODUST.** Standard Sulphur fungicide with Lead Arsenate, for diseases and chewing insects on apples, pears, cherries, plums, etc. Lb., 40c; 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.50; 50 lbs., \$7.00; 100 lbs., \$10.50.

**PYROX.** A paste mixture of Arsenate of Lead and Bordeaux. Effective as a combination spray for fungus, blights and leaf-eating insects. Use one pound to 5 gallons of water. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50.

**RAT POISON (Barium Carbonate).** Mix with meat, cheese, apples, etc., and place where rats run for several nights until rats disappear. 25c per box.

**SCALECIDE.** For San Jose scale. Non-poisonous petroleum preparation. Mix one gallon to 16 gallons of cold water. Use in late Fall, Winter or early Spring, when foliage is off. (Not mailable). Qt., 75c; gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60; 15-gal. drum, \$11.50. (Drums \$2.00 extra and returnable at same price, f. o. b. factory). Barrel (50 gals.), \$38.00.



**SEMESAN SEMESAN JR. SEMESAN BEL**  
The Premier Seed Disinfectants  
(See colored insert page in back of book).

**SEMESAN SPRAY.** For preventing and controlling brown canker, black spot and mildew of roses. Lb., \$2.75; 5 lbs., \$13.00. (Not mailable).

**SLUG SHOT.** The best known remedy for cabbage and other insects. A non-poisonous powder, applied by dusting on the plants. Non-injurious to animals or fruit and vegetables treated. Lb., 25c; 5 lbs., 60c; 25 lbs., \$2.75.

**SNAROL.** An effective bait for controlling cutworms, grasshoppers, snails, slugs and sow bugs. Not injurious to plants or other vegetation. Lb., 50c; 3 lbs., \$1.00; 15-lb. bag, \$4.00. (See colored insert page in back of book).

**TOBACCO DUST.** Fine, bulk, lb., 10c; 5 lbs., 40c; 25 lbs., \$1.50; 100 lbs., \$5.00.

**TREE TANGLEFOOT.** Painted around trees in the form of a band, it is an effectual barrier to caterpillars crawling into the tree from the ground. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 20 lbs., \$8.00; 25 lbs., \$9.75.

**TREE SURGERY GUM.** For cementing wounds in trees. Lb., 35c; 5 lbs., \$1.50.

**VOLCK.** The scientific insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips.  $\frac{1}{2}$  pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

**WEED KILLER, HAMMONDS.** For weeds in walks, drives and tennis courts. One quart to ten gallons of water. Qt., 60c; gal., \$1.75.

**WILSON'S O. K. SPRAY.** For roses, chrysanthemums, evergreens, and all plants affected with scale or insects under glass or outside. Recommended for rose bugs. One quart is mixed with 10 to 15 parts of water. Qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

# Wizard

TRADE BRAND MARK

## Sheep Manure



## Makes All Plants Grow to Perfection

Wizard Sheep and Cow Manures are highly concentrated pure manures with all weed seeds killed. They are real soil building plant foods, safe and dependable for all plants. They supply the necessary plant food and humus to put new life into wornout soils. Everybody, amateur and professional, can get wonderful results with Wizard because it is simple and easy to use.

**LAWNS.** Wizard Sheep Manure produces a thick, velvety, green lawn of lasting beauty. On new lawns broadcast 10 lbs. to 100 sq. ft. and rake into the surface soil. To put new life into old lawns, rake well and broadcast 6 to 10 lbs. per 100 sq. ft. You can avoid weeds and unsightly rubbish by using Wizard.

**FLOWERS AND SHRUBBERY.** Luxuriant green foliage and a wealth of vivid colored flowers quickly follow an application of Wizard. Mix a handful with the soil under new planting. On established plants rake 10 to

12 lbs. per 100 sq. ft. into the surface soil. Frequent light applications will prolong the blooming season.

**VEGETABLES AND FRUIT.** Every practical gardener knows that there is nothing better than manure for vegetables. Wizard produces big crops of crisp, tender vegetables for the early market. Improves yield, color and flavor of fruits. Use 700 to 1500 lbs. per acre.

**FLORISTS** will find Wizard Sheep and Cow Manures unexcelled for feeding and liquid manuring. Safe for all plants under glass.

### PRICES

2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.00; 500 lbs., \$13.25; 1000 lbs., \$25.00; ton (2000 lbs.), \$45.00.



TRADE MARK  
**SACCO'S**  
REGISTERED

## PLANT FOOD

## Makes Things Grow!

SACCO is a specially prepared Plant Food for the development of fine LAWNS, GARDENS, SHRUBS, FLOWERS and TREES.

### Very Effective and Economical

A light application once or twice a year will keep the lawn, garden, etc., growing in excellent condition.

### RECOMMENDED BY HIGHEST AUTHORITIES

SACCO has thousands of satisfied users. In lawn and garden use and in the nurseries of progressive florists and nurserymen SACCO has proved its unvarying superiority.

### Clean, Odorless and Easy to Apply

1-lb. Can .....	\$0.25	50-lb. Bag .....	\$ 3.00
5-lb. Bag .....	.50	100-lb. Bag .....	5.00
10-lb. Bag .....	.85	500 lbs. ....	22.50
25-lb. Bag .....	1.75	1000 lbs. ....	42.50
1 ton (2000 lbs.) .....			80.00

### HOW MUCH SACCO TO BUY

Figure your requirements at 2 to 4 pounds per square, 10 x 10 feet. Simple directions for applying are printed on each package.

# Lohrman's Land Lime Sweetens Sour Soil

Back of Every Beautiful Lawn is a "Sweet Soil" and Back of That "Sweet Soil" is—Limestone

Grass, the same as most other useful plants, must have a "sweet" soil in which to flourish. By a sweet soil is meant a soil containing enough lime to correct the natural soil acidity. Weeds will grow on any soil, grass will not. Constant growing of grass in any one place depletes that place of lime. It must be replenished. A thin, off-color lawn, full of weeds or moss indicates one thing—lack of lime. Sweetening such a soil with Lohrman's Lime Stone helps the new grass plants to a successful and rapid growth, which will gradually crowd out the unsightly weeds and moss.

## Your Garden Probably Needs Lime

Not only grass but every useful plant needs lime. It helps build part of their fiber structure. If a soil is "sour" the plants cannot develop properly. So look to the sweetness of your soil if your garden is not doing as well as it should. If it is sour, apply Lohrman's Lime Stone. Spread 50 pounds to each 500 square feet.

Price, 100 lbs., \$1.50; 500 lbs., \$6.50; ½ ton, \$12.00; ton, \$20.00.

## FERTILIZERS FOR LAWNS, GARDENS AND HOUSE PLANTS

### Pulverized Sheep Manure FREE FROM WEEDS

This is a pure, natural manure and one of the most nutritious foods for plants. Its effect is immediate. It is very rich, safe and gives quick results. It will give excellent results on flower beds, lawns or in vegetable gardens. 2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.00; 500 lbs., \$13.25; ½ ton, \$25.00; ton, \$45.00.

### Shredded Cattle Manure

An efficient, high grade natural fertilizer for general purposes, manufactured from selected fresh cleanings from cattle pens. Somewhat cooler in action than sheep manure. Use 100 pounds for 20x50 feet or 1000 square feet. 100 lbs., \$3.00; 500 lbs., \$13.25; ½ ton, \$25.00; ton, \$45.00.

### Poultry Manure

Pulverized, rich in plant food elements. Beneficial results will be noted from the use of this fertilizer. 100 lbs., \$4.00; 500 lbs., \$17.50; 1000 lbs., \$30.00; ton, \$57.50.

### Bone Meal, Fine Ground

Excellent for rose beds, flower beds, gardens and for top dressing lawns. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.60; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$17.50; ½ ton, \$32.00; ton, \$60.00.

### Agricultural Hydrated Lime

A more finely pulverized product than the regular land lime. Directions for using the same as above. 10-lb. bag, 50c; 50-lb. sack, \$1.50; 2 sacks (100 lbs.), \$2.50; 500 lbs., \$10.00; 2000 lbs., \$30.00.

### Sacco Plant Food

Specially prepared plant food of just the right proportions for healthy plant growth. Makes your lawns, vegetables, shrubs, flowers and trees develop quickly and vigorously. Use 4 lbs. per 100 sq. ft. for lawn or garden. See opposite page for further description. 1-lb. can, 25c; 5-lb. pkg., 50c; 10-lb. pkg., 85c; 25-lb. pkg., \$1.75; 50-lb. bag, \$3.00; 100-lb. bag, \$5.00.

### Stim-U-plan-T Tablets

A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. 10 tablets, 15c; 30 tablets, 25c; 100 tablets, 75c; 1000 tablets (Pail), \$2.75.

### Plantabbs

Little tablets full of health-giving, growth-producing, energizing plant food. A complete, properly balanced food for your plants; make them grow better than they ever grew before. 30 tablets, 25c; 65 tablets, 50c; 150 tablets, \$1.00; 1000 tablets, \$3.75.

### Acid Phosphate

Sixteen per cent Acid Phosphate. Best grade. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 125-lb. sack, \$3.50.

### Hardwood Ashes

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Used at the rate of a ton or more per acre for first application, and three hundred pounds annually afterwards, it will insure a dark, thrifty growth, exemption from ill effects of dry weather and freedom from weeds. 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.50; 500 lbs., \$15.00; ½ ton, \$26.00; ton, \$50.00.

### Adco Artificial Stable Manure

Make it yourself in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 pounds Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. 25-lb. bag, \$2.50; 150 lbs., \$11.50. Write for booklet.

### Dried Blood

One of the best and safest nitrogen fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.00; 500 lbs., \$30.00.

### Floranid Urea

A highly concentrated organic fertilizer containing 46 per cent available nitrogen; clean, odorless, stainless; for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. 1-lb. can, 75c; 50 lbs., \$11.00.

### Lohrman's Special Lawn and Garden Fertilizer

A very desirable high grade all-around fertilizer for lawns, flower and vegetable gardens. Apply at the rate of 10 pounds for 300 square feet. 1 lb., 10c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

### Muriate of Potash

Imported Potash once again available; should be used liberally, especially for all root crops. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

### Scotch Soot (Genuine Imported)

Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. 25 lbs., \$2.25; 50 lbs., \$3.75; 100 lbs., \$6.50.

### Nitrate of Soda

Not a substitute for other manures, but one of the cheapest and best forms of nitrogen. Do not let nitrate touch green growth or it will burn. Remove lumps before using and break them up by pounding. For the home garden apply as a solution, 1 oz. to 2 gals. of water. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

### Sulphate of Ammonia

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use one pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or three gallons of water. 2-lb. carton, 50c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$3.50; 100 lbs., \$6.00.

### Vigoro

VIGORO is a specially prepared plant food, containing all the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. Costs only 10c to 20c for every 100 square feet. Clean, odorless, easily sown by hand like grass seed. Complete directions in every bag. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

### Granulated Peat Moss

Imported, granulated, moisture-retaining humus. An important aid for saving soil fertility, and moisture. Excellent for mulching rose beds, evergreens and rhododendrons. ½ bale (approximately 100 lbs.), \$3.50; whole bale (approximately 200 lbs.), \$6.00.

## Turn Garden Refuse Into Manure

Every bit of non-woody refuse that comes from your garden—cuttings, vines, leaves, etc.—should be mixed with "ADCO," kept moist and thus converted into high grade manure. It is very simple and not a bit laborious—and every garden needs manure.

### PRICE

ADCO, in 25-lb. bags (enough for 12 wheelbarrow loads of garden waste, making about one-half ton of manure), each ..... \$ 2.00  
ADCO, in 100-lb. bags (4—25s), enough for a heap 6x6x6 ft., making about 2 tons of manure) ..... 7.75  
ADCO, in 150-lb. bags (enough for a heap 10x10x6 ft., making about 3 tons of manure), each ..... 10.50  
Special price on Field ADCO in 150-lb. bags or ton lots to farmers, market gardeners and other large users.

# Tools and Supplies

**DIBBLES.** For setting plants and bulbs. Iron point. 65c.  
**FORKS.** Spading. \$2.00.  
**FORKS.** Potato. \$2.00.  
**GARDEN LINE.** Italian Hemp. 50 ft., 75c; 100 ft., \$1.35.  
**GRASS EDGING KNIFE.** Wheel type. \$2.25. Plain. \$1.25.  
**GRASS HOOR or SICKLE.** No. 30. 75c; No. 40. \$1.00.  
**HANGING BASKETS.** Woven wire. 8 in., 35c; 10 in., 50c; 12 in., 60c; 14 in., 75c; 16 in., 90c.  
**HOES.** Garden. \$1.00 and \$1.50. Ladies'. \$1.00. Scuffle. \$1.25. Heart-shaped. \$1.25.

**KNIVES.** Budding Knife. \$1.50. Pruning Knife. \$1.25.

## LABELS.

Pot and Garden. Wood, painted.	100	1000
4 in. ....	\$0.35	\$ 3.00
6 in. ....	.40	3.25
8 in. ....	.45	4.00
10 in. ....	1.50	9.00
12 in. ....	2.00	12.50
Copper Wired Tree Labels	.45	3.50
Simplex Weather-proof Labels. Writing protected by a transparent cover	Doz.	100
No. 1—3x½ in. ....	\$0.50	\$ 2.75
No. 2—4x½ in. ....	.80	4.75
No. 3—5x1 in. ....	1.25	6.50

## LAWN MOWERS.

**Great American.** A high grade machine.  
 15-inch cut ..... \$17.50  
 17-inch cut ..... 21.00  
 19-inch cut ..... 22.50

**MOLE TRAPS.** Reddick. \$1.25 each.

**PLANT STAKES.** Round wood, medium in weight, green.  
 Each Doz. 100  
 3 ft. .... \$0.10 \$1.00 \$ 8.00  
 4 ft. .... .15 1.50 12.00  
 5 ft. .... .20 2.00 14.00  
 5 ft. Extra heavy ..... .25 2.50 15.00

**PLANT STAKES.** Heavy, 1 inch square, wooden, green.  
 Each Doz. 100  
 3 ft. .... \$0.15 \$1.50 \$12.00  
 4 ft. .... .20 2.00 17.00  
 5 ft. .... .25 2.50 20.00

**PLANT STAKES.** Heavy Tonkin, natural color. Heavy-weight bamboo, entire stake same weight; do not taper. Ideal for roses, dahlias, young trees, etc. Will last a lifetime.

	Each	Doz.	100
4 ft., ½ to ¾ in. diam. ....	\$0.10	\$1.00	\$ 6.00
6 ft., ½ to ¾ in. diam. ....	.15	1.25	8.00

**PLANT STAKES.** Japanese bamboo, painted green.  
 Each Doz. 100  
 2 ft. .... \$0.20 \$1.15 \$ 6.50  
 3 ft. .... .25 1.85 9.75  
 4 ft. .... .35 2.25 12.75  
 6 ft. .... .50 3.00 20.00

**ADJUSTO PLANT SUPPORTS.** Each Doz. 100  
 3 ft. .... \$0.30 \$2.75 \$20.00  
 4 ft. .... .35 3.00 22.00  
 5 ft. .... .40 3.25 24.00

**RAFFIA.** A sort of grass much used for tying plants, also in making baskets. Natural color. 60c per lb.

**ROLLERS, LAWN.** With plain bearings.  
 No. 2—14 in. diam., 24 in. long, 1 section, weight, empty, 68 lbs., filled with water, 175 lbs. .... \$13.50  
 No. 4—18 in. diam., 24 in. long, 1 section, weight, empty, 82 lbs., filled with water, 265 lbs. .... 16.00

**ROLLERS, LAWN.** With roller bearings.  
 No. 7—24 in. diam., 24 in. long, 1 section, weight, empty, 110 lbs., filled with water, 420 lbs. .... 23.00  
 No. 9—24 in. diam., 32 in. long, 1 section, weight, empty 130 lbs., filled with water, 565 lbs. .... 26.00

**SAWS, PRUNING.** 20-in. blade. \$1.75. California pattern, curved, 14-in. blade. \$1.25.

**THE CYCLONE SEED SOWER.** A practical broadcast seed sower. Sows anything from grass seed to fertilizer. \$2.25 each.

## SHEARS, HAND PRUNING.

No. 4—Pexto Shear, with Volute spring	1.00
No. 5—Pexto Shear, with flat spring	1.25
No. 6—Pexto Shear, Heavy Pattern	1.75
No. 7—Disston Shear, with flat spring	3.00
No. 8—Disston Shear, with Volute spring, see cut	3.00
No. 9—Disston Bull Dog Jaw Type	3.00

**SHEARS, FLOWER.** Cuts and holds the flower. Highly nickel plated in leather case. An ideal gift. \$2.75 each.

**SHEARS, BORDER.** (Disston). With horizontal blade. \$4.50. With vertical blade. \$4.50.

**SHEARS, GRASS.** 50c to \$1.50.

**SHEARS, LOPPING.** \$2.50.

**SHEARS, HEDGE.** \$1.00 to \$3.50.

**SPADES.** Long handle. \$1.50. D handle. \$1.50.

**RAKES, LAWN.** Wood, self-cleaning. \$1.00. Wire, 24 in. \$1.00. Steel garden rake, 14 in. \$1.25.

**RAKES, JAPAN BROOM.** Light and durable. \$1.25.

**RATTAN BROOM.** Like birch broom only better and stronger. \$1.00 each.

**TRELLIS.** Wire, 2 feet wide, any length. 40c per foot. Wooden, various styles. \$2.25.

## TREE PRUNERS, POLE.

**Disston**—8 ft., \$4.25; 10 ft., \$4.50; 12 ft., \$4.75.  
**Waters**—8 ft., \$2.75; 10 ft., \$3.00; 12 ft., \$3.25.  
**TROWELS.** All steel. 25c. All steel transplanting. 35c. English. 35c.

**PLANT TUBS.** Green painted cedar. Welded hoops.  

	Inside Diameter	Stave Length	Each
No. 2	10 in.	11 in.	\$1.25
No. 3	12 in.	13 in.	1.75
No. 4	14 in.	15 in.	2.25
No. 5	16 in.	17 in.	2.75
No. 6	18 in.	19 in.	3.50
No. 7	20 in.	20 in.	4.00

**WEEDER, CLEVELAND LAWN.** A handy Weeder for removing dandelions. \$1.25.

## WATERING CANS.

**Standard.** 8 qt., \$1.00; 10 qt., \$1.25; 12 qt., \$1.50.  
**Wotherspoon.** Round; two roses. 4 qt., \$4.65; 6 qt., \$5.10; 8 qt., \$5.75; 10 qt., \$6.10; 12 qt., \$6.45.  
**French Oval.** 6 qt., \$5.85; 8 qt., \$6.20; 10 qt., \$6.60; 12 qt., \$6.75.  
**Real Low Pattern.** 4 qt., \$4.25.

**WEED PULLER, Marvel.** While standing upright you can lift out weed by roots, hold it, deposit it in basket, without stooping, with Marvel Weed Puller. \$4.00.

**WHEELBARROWS, GARDEN.** Wood and metal. \$6.75 to \$9.00.

**HOSE.** Our special Pioneer Cord. Built like a cord tire, and will wear like one. ¾-in. 15c per ft.

## HOSE ACCESSORIES.

**Clamps.** Brass. 5c each; 45c per doz.  
**Couplings.** Heavy bronze. 15c each; \$1.50 per doz.  
**Washers.** Rubber. 5c per doz.  
**NOZZLES.** Rose nozzle. 75c. Hothouse nozzle. 3-in. face, \$1.00; 4-in. face, \$1.25.

Y Connection.	Hose Nozzle.	Two-Way Spray.	Hose Menders.
\$1.25 each.	75c each.	\$2.00.	15c each; \$1.25 per doz.

**SPRINKLER.** Rain King. \$3.50. Other sprinklers. 50c to \$10.00.

**FLOWER POTS.** Standards, Azaleas, Bulb Pans.  

Size	Each	Doz.	100	1000
2 in.	\$0.03	\$0.18	\$ 1.00	\$ 9.50
2½ in.	.03	.18	1.35	12.75
3 in.	.04	.25	1.75	16.60
4 in.	.05	.35	2.75	25.50
5 in.	.07	.65	4.85	46.00
6 in.	.10	1.00	7.50	68.85
7 in.	.15	1.65	12.00	115.00
8 in.	.25	2.35	17.50	
9 in.	.35	3.75	27.00	
10 in.	.45	4.85	36.50	
12 in.	1.00	10.00	75.00	

## FLOWER POT SAUCERS.

Size	Each	Doz.	100
4 in.	\$0.04	\$0.30	\$ 2.25
5 in.	.05	.40	2.75
6 in.	.06	.60	4.25
7 in.	.07	.75	5.50
8 in.	.10	1.00	7.50
9 in.	.15	1.40	10.25
10 in.	.16	1.75	12.25
12 in.	.25	2.50	18.50

## NEPONSET WATERPROOF PAPER FLOWER POTS.

	Doz.	100	1000
2½ in.	\$0.15	\$0.85	\$ 6.00
3 in.	.20	1.15	7.50
4 in.	.30	2.00	12.00
5 in.	.35	2.50	18.00
6 in.	.50	3.00	22.50

**PLANT BANDS.** Size 2x2 in.—2½ in. deep, no bottoms. 20c per doz.; \$1.25 per 100; \$2.00 per 250; \$7.50 per 1000.

**FLATS.** Redwood. No. 1, inside dimensions, 20x14 in.—2½ in. deep. 50c each; \$5.50 per doz; 25 or more at 40c each.

**HOTBED SASH and FRAME.** Complete, junior size. Sash size, 34x38½ in. \$11.00 each.

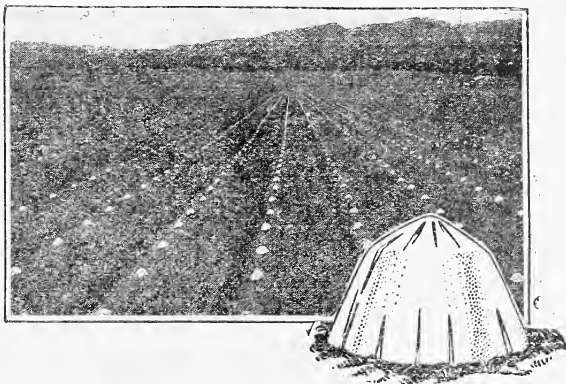
**HOTKAPS.** New method of plant protection. Protects plants from frost and other elements, matures crops earlier, keeps insects out, keeps soil soft. They are made of a specially prepared waxed paper and are conelike in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around it, Hotkaps become individual miniature hot houses. Price, 35c per doz.; \$2.00 per 100; \$3.75 per 250; \$11.50 per 1000.

**HOTKAP SETTER.** Will prove very helpful. This is a small steel cone, the exact shape of the Hotkap itself with a handle at the top. The cost of the Hotkap Setter is nominal and can be used a lifetime. Price, \$2.50 each. For more detailed information, see colored insert page in back of this book.

# You Make More Profit

## —Using This Amazing New Method of Plant Protection

**L**AST year thousands of growers added to the value of their vine crops by using Germaco HOTKAPS—shown above. This remarkable invention consists of a scientifically constructed wax paper cone that you place over each plant. Thus they are miniature hot-houses that protect plants from frost, wind, rain, insects and ground crusting.



HOTKAPS not only protect plants but make them grow hardier and faster. Thus you get a greater crop production to market earlier for higher prices!

You can add to your next year's profit with HOTKAPS. They cost but a fraction over a penny each. One man can "set" 3000 HOTKAPS per day. They not only bring you higher prices, but are a method of crop insurance—against the danger of the elements.

## Hotkap Setters

In placing the HOTKAPS over the plants, the Hotkap Setter will prove very helpful. This is a small steel cone, light in weight, the exact shape of the HOTKAP itself, with a handle at the top. The Setter costs only \$2.50 and can be used a lifetime.

Upon request, we will be glad to send you an illustrated leaflet giving full information about HOTKAPS.



# Germaco Hotkaps

LOTS OF	PRICES
1,000 or over .....	\$10.00 per 1,000
5,000 or over .....	9.75 per 1,000
10,000 or over .....	9.50 per 1,000
25,000 or over .....	9.25 per 1,000
50,000 or over .....	9.00 per 1,000
100,000 or over .....	8.75 per 1,000

SMALLER QUANTITIES	<table> <tr> <td>100 for \$2.00</td> <td rowspan="3">} POSTPAID</td> </tr> <tr> <td>250 for 3.75</td> </tr> <tr> <td>500 for 6.50</td> </tr> </table>	100 for \$2.00	} POSTPAID	250 for 3.75	500 for 6.50
100 for \$2.00	} POSTPAID				
250 for 3.75					
500 for 6.50					
Hotkap Setters .....	\$2.50 each				
Hotkap Carriers .....	2.75 each				

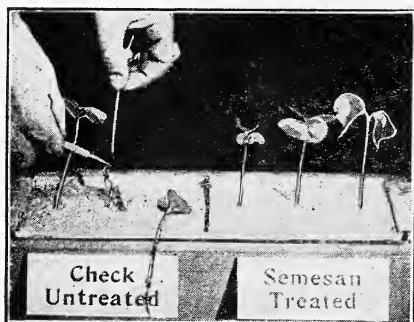
F. O. B. DETROIT.  
Shipping weight 25 lbs. per 1000.  
Packed 1,000 to a Roll.

# For Increased Yield and Improved Quality

# SEMPER DU PONT Makes Seeds Healthy

Seed, plant and soil diseases rob you of from 10% to 90% of the fruits of your land and labor—and NEEDLESSLY. You can change this loss into a gain by stopping disease before it gets a start through disinfesting your seeds, seed pieces and soil with **Du Pont Semesan**. More efficient than many older disinfectants with none of their serious faults.

**Semesan** is the only organic mercury disinfectant which can be applied in either the liquid or convenient dust form. It prevents or controls a most diversified variety of diseases borne by seeds, seed pieces, bulbs, plants and grafts, as well as many of those which infest the soil.



Harmless to seed and plant life but deadly to disease organisms. It generally hastens germination, produces sturdier plants and increases both the quantity and quality of crop yields.

**Semesan** treatments cost only from 1/4c to 1c per pound of seed. Easily and quickly applied. Recommended by agricultural colleges, county agents and large growers in every section of the country.

## Send for Crop Booklets

The crop booklets sent upon request are replete with the latest information on seed, plant, and soil diseases. They are profusely illustrated and contain complete instructions for applying **Semesan Disinfectants**.

## Controls Damping-Off

and many seed-borne diseases of grains, field crops, vegetables, forage crops, flowers and ornamentals. Use **Semesan Jr.** for corn, and **New Improved Semesan Bel** for potatoes.

**Prices:** F. O. B. Detroit.  
(Cannot be Mailed)

**Semesan**—2 ozs., 50c; 8 ozs., \$1.60; lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50; 50 lbs., \$122.50.

**Semesan Jr.**—4 ozs., 60c; lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50; 50 lbs., \$72.50.

**New Improved Semesan Bel**—1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50; 50 lbs., \$72.50; 100 lbs., \$140.00.



## Kills Garden Pests

### Stops Their Damage!

**Snarol** is a scientifically prepared meal that you simply broadcast on the ground around the flowers and under the shrubs. The pest eats it as a food and is quickly exterminated. This modern pest control, unlike others, is safe to use around pets or fowls.

**Snarol** is widely endorsed by leading nurseries, institutions and gardeners everywhere. It is easy to use and quick to effectively destroy the pest, which may be eating the tender shoots of your favorite flowers, vegetables or plants. Use **Snarol** in the garden and you will be free from the ravages of these pests. Write us today for a supply, or free 24-page booklet on Pest Control, written by Mr. A. D. Cardinet, famous entomologist, and discoverer of **Snarol**.

#### PRICES:

1-lb. Carton .....	\$0.50
3-lb. Carton .....	1.00
15-lb. Bag .....	3.75

# Snarol

The National Pest Control



## Against Ants They Stand on Guard Like Sentinels

**Antrol** containers offer you three distinct advantages over ordinary, old-time methods.

First—this modern system kills the queen ant and thus destroys the entire ant colony.

Second—**Antrol** is safe to use around children or pets.

Third—the **Antrol** method is in accordance with the methods adopted by the United States Government.

These three advantages of **Antrol** make it the most popular ant control on the market.

**Antrol** jars, therefore, protect your home from ants effectively, safely and permanently. They stand on guard like sentinels! Write today for 24-page booklet on Pest Control, written by Mr. A. D. Cardinet, famous entomologist, and inventor of the **Antrol** system.

#### PRICES:

<b>Antrol Cottage Set</b> (containing 9 jars and 6-oz. bottle of Syrup) .....	\$1.90
Extra Jars (each) .....	.20
Pint Bottle of Syrup .....	1.00

# Antrol

The National Ant Control





**Mrs. Francis King.**  
(See page 38).

**Mrs. Frank Pendleton.**  
(See page 38).

**White Giant.**  
(See page 38).

**Primulinus, Souvenir.**  
(See page 38).

**Rose Ash.**  
(See page 38).

# Gladioli

## Cut-Flowers All Summer With Little Effort

(See page 38 for complete list).

These have been most popular for many years, and deservedly so. They are of the easiest culture, with a range of color known to no other garden bulb; useful for massing, bordering or shrubbery work, for cutting unexcelled. Any ordinary garden soil suits Gladioli, and with successive plantings from May to August, flowers can be had from July until frost. Plant bulbs 4 inches deep and 6 inches apart, cultivate frequently and water freely.

# Dahlias

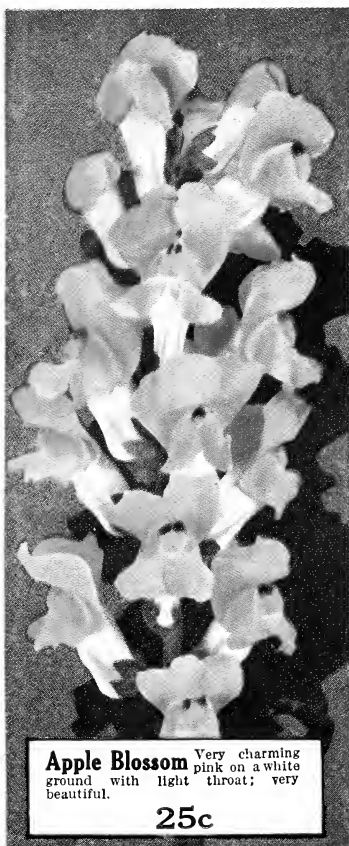
## Nothing Can Equal Them for Abundance of Bloom

(See page 39 for complete list).

The Dahlia is coming to the front in the ranks of Summer-flowering plants. There is nothing that can equal them in range of color and abundance of bloom. They are splendid for cut flower work and command attention wherever grown. Plant the tubers 5 inches deep and 3 feet apart, lay flat, don't stand them upright, cover an inch or so, and add covering after sprout appears. Tie them to a stout stake, and only permit two sprouts to grow. Remove all others, or you get too much plant and no flowers.



**Dahlias in Variety.**



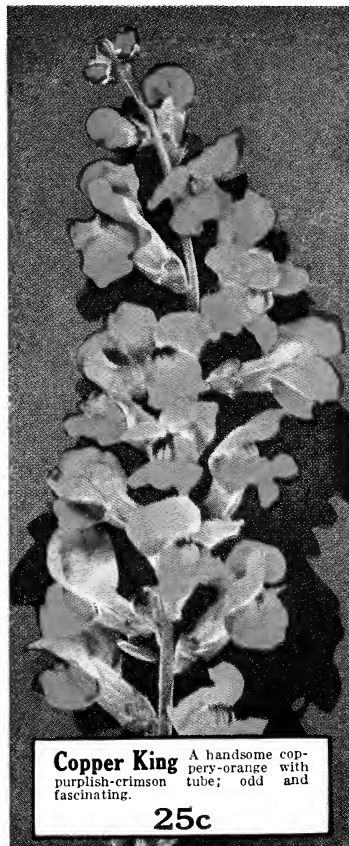
**Apple Blossom** Very charming pink on a white ground with light throat; very beautiful.

25c



**Old Gold** A very rich deep golden-yellow with tube showing crimson tints; beautiful combination.

25c



**Copper King** A handsome coppery-orange with purplish-crimson tube; odd and fascinating.

25c



**Purple King** Dark velvety-maroon or French purple, exceedingly rich in color, flowers large.

25c

## Lohrman's Super Giant Snapdragons

(See page 18).

These Snapdragons far surpass anything yet introduced. They grow four to five feet high, much taller than the Half-Dwarf group and with still larger flowers. In vigor of growth, size, color and profusion of blossom, these Super-Giants are a wonderful improvement.

Antirrhinums are favorites in American gardens, and this is not to be wondered at when we consider the extended season during which they bloom, together with the exquisite beauty of their flowers and their great value for cutting. They are hardy, and if given protection during Winter will bloom much earlier and more profusely during the second season.



**Cerberus** A very velvety and rich flower of carmine-red with light tube; showy spike of flowers.

25c